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Laboratory Metalware, Glassware & Research Instruments

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SAI SCIENTIFIC INSTRUMENTS

INDEX

ABBE REFRACTOMETER....22
ABELS FLASH POINT APPARATUS....109
ACTOPHOTOMETER....24
AGITATOR MECHANICAL....42
AIR CURTAINS....30
ALBUNOMETER....48
AMPOULE CLARITY TEST APPARATUS....40
AMPOULE FILLING & SEALING DEVICE....40
AMPOULE WASHING DEVICE....40
ANAEROBIC CULTURE JAR....22
ANALGESIOMETER....40
ANALYTICAL WEIGHT BOXWS....3
ANILINE POINT APPARATUS....112
ANTIBIOTIC ZONE READER....24
AUTO KARL FISHER....29
AUTOCLAVE PORTABLE....20
AUTOCLAVE VERTICAL....21
AUTOMATIC CUT OF DEVICE....10

BABY SCALE....45
BACTERIOLOGICAL INCUBATOR....17
BALL MILL....40
BEAKER TONG....4
BIO SAFETY CABINET....38
BLOOD CELL COUNTER....45
BLOOD COLLECTION VIALS....42
BLOOD LANCET - 45BLOOD ROLLER....48
BLOOD SUGAR, FOLIN-WU TUBE....48
B.O.D. INCUBATOR....16
BOSS HEAD....2, 6
BOTTLE FILLING MACHINE....42
BOTTLE SEALING MACHINE....40
BOTTLE TOP DISPENSERS....118
BOTTLE WASHING MACHINE....40
BP APPARATUS....48
BUCHNER FUNNEL PORCELAIN....114
BULK SENSITY APPARATUS....41
BURNERS (ALL TYPES)....3, 6
BYTRO REFRACTOMETER....23

CAPSULE COUNTER....41
CAPSULE FILLING MACHINE....41
CARBON RESIDUE APPARATUS....112
CENTRIFUGE MACHINES....7, 8, 119, 120
CHATWAY SPATULA....5
CLEAVELAND FLASH POINT & FIRE POINT APP....110
CLINICAL THERMOMETER....45
CLINICAL THERMOMETER DIGITAL....45
CLOUD AND POUR POINT....111
COLLAPSIBLE TUBE (CRIMPING & SEALING MACHINE)COLLAPSIBLE TUBE FILLING MACHINE....41
C.O.D. BOTTLE STAND....21
C.O.D. DIGESTION APPARATUS....21
COLORIMETERS....26
CONDUCTIVITY / TDS METER....26, 27
CONICAL PERCOLATOR....41
CORK BORERS....5
COUNTING CHAMBER (NEUBAR)CRUCIBLE NICKLE....120
CRUCIBLE SILICA....120
CRUCIBLE TONGS....4

DE-HUMIDIFIER....30
DIGITAL CLINICAL THERMOMETER....45
DISINTEGRATION TEST APPARATUS....41
DISSOLUTION RATE TEST APP....23
DISSOLVED OXYGEN METER (D.O. METER)....27
DOUBLE CONE BLENDER....42
DROP POINT (GREASE) APPARATUS....112
DRY BATH INCUBATOR....16

ELECTRO CONVULSIOMETER....41
ENAMEL BOWL....114
ENAMEL TRAY....114
ENGLER VISCOMETER....109
ENVIRONMENTAL CHAMBER STABILITY / HUMIDITY....25
ESR PIPETTE DISPOSABLE....46
ESR TUBE....46

FILTER HOLDER ASSEMBLY (S.STEEL)....9
FILTER HOLDER SET OF 3 (STERILITY TEST) S.STEEL....10
FILTER PUMP (EDWARDS TYPE)....2
FLAME PHOTOMETER....29
FLASK SHAKER....19
FLASK SHAKER (WEIST ACTION TYPE)....19
FLASK TONG....4
FLOCULATOR JAR TEST APP....23
FLUOROMETER....30
FOLIN - WU TUBE....48
FORCEPS....5
FRIABILITY TEST APP....24
FUME HOOD....38
FUMIGATOR....30

GLOVE LATEX DISPOSABLE....46

HAEMOCYTOMETER COMPLETE SET....46
HAEMOGLOBIN METER (DIGITAL)....46
HAEMOMETER / HAEMOGLOBINOMETER....46
HAEMOMETER TUBE....46
HAND GRINDING MILL....42
HAND REFRACTOMETER....22
HEAMOMETER PIPETTE....46
HEATING MANTLE COIL (SPARE)....13
HEATING MANTLES....13
HEIGHT MEASURING STAND....47
HISTMAN CHAMBER....24
HOFFMAN SCREW CLAIP....5
HOT AIR OVENS....15
HOT PLATES....14, 15
HUMIDIFIER / FUMIGATOR....30
HUMIDITY CABINET (OVEN)....25

INCUBATOR BACTERIOLOGICAL....17
INCUBATOR SHAKER....18
INCUBATOR SHAKER MICROPROCESSOR (NEW MODEL)....120
INFRARED MOISTURE BALANCE (I.R.)....23
INFRARED THERMOMETER....47

JAR TEST APPARATUS (FLOCULATOR)....23

KARL FISHER TITRIMETER....29

KINEMATIC VISCOMETER BATH.....112
KJELDAHK DIGESTION & DISTILLATION UNIT (COMBINED)..... 14
KJELDAHL DIGESTION UNIT.....14
KJELDAHL DISTILLATION UNIT.....14
KYMOGRAPH (RECORDING DRUM).....44

LABORATORY CLAMPS.....2, 6
LABORATORY JACKS.....10
LABORATORY STIRRER.....9
LAMINAR AIR FLOW CABINET.....701
LEAK TEST APPARATUS.....24
LIPSTIC MOULD.....42
LUCAS MOIST CHAMBER.....42

MAGNETIC STIRRERS.....9
MASK DISPOSABLE.....46
MECHANICAL AGITATOR.....42
MELTING POINT APPARATUS.....9
METABOLIC CAGE FOR RAT.....45
MICROPIPETTE BOX.....119
MICROPIPETTE MULTICHANNEL.....118
MICROPIPETTE STAND.....119
MICROPIPETTE TIPS.....119
MICROPIPETTES - 117MICROSCOPES.....37
MICROTOME - 20MORTAR & PESTLES.....115
MUFFLE FURNACE.....18

NEBULISER.....47
NEEDLE SYRINGE DESTROYER.....47
NEPHELOMETER..... 29
NEUBAR COUNTING CHAMBER.....46
NICKLE CRUCIBLE.....120

OIL BATH.....11
OINTMENT SPATULA.....5
OPERATION TABLE.....42
ORBITAL SHAKER INCUBATOR.....18
ORGAN BATH.....24

PEAK FLOW METER.....47
PENETROMETER APPARATUS.....111
PENSKY MARTENS FLASH POINT.....110
PERMEABILITY CUP.....42
PERSONAL WEIGHING SCALE.....47
PETRI DISH ALUMINIUM.....113
PETRI DISH BOX.....113
PH METERS.....25, 26
PHASE CONTRAST MICROSCOPE.....42
PHOTO COLORIMETERS.....26
PHOTO FLUOROMETER.....30
PHYSICAL WEIGHT BOX.....4
PIPETTE BOX.....114
PLETHYSMOGRAPH.....42
POLARIMETERS.....22, 23
POLE CLIMBING APPARATUS.....41
POLISHING PAN.....42
POTENTIOMETER..... 29
PRESLEY SMITH PERIMETER.....24
PROBE SONICATOR.....43
PTFE BLADE FOR BUTTON STIRRER.....115
PTFE LABWARES..... 115, 116
PTFE MAGNETIC ROTORS.....116
PTFE MERCURY SEAL GLAND.....116
PTFE STIRRER GUIDE.....116
PULSE OXIMETER.....47

RABBIT CAGE.....43
RABBIT HOLDER.....43
R.B.C. / W.B.C. TUBE.....47
REDWOOD VISCOMETER.....109
REFRACTOMETERS.....22, 23
RESEARCH POLARIMETER.....22, 23
RETORT RING.....1
RETORT STAND.....1, 6
RIA VIAL.....47
RING & BALL (SOFTENING POINT) APPARATUS.....111
ROTA ROD.....43
ROTARY EVAPORATOR (MICROPROCESSOR) WITH AUTO LIFT.....39
ROTARY FLASK SHAKER.....19
ROTARY VACUUM EVAPORATOR.....39
RUBBER TUBING.....33
RUBBER WARES (TUBING, CORKS, SEPTAS, CONE, BULBS, TEATS ETC....).....32 TO 36

SALINITY METER.....28
SAY BOLT VISCOMETER.....109
SHAKER INCUBATOR ORBITAL.....18
SIEVE SHAKER - 19SILICA CRUCIBLE.....120
SILICON WARE (TUBING, CORKS, SEPTAS, CONES ETC...).....31 TO 36
SLIDE STAINING TRAY.....47
SMOKE POINT APPARATUS.....112
SMOKE STAND.....43
SOFTENING POINT APPARATUS.....111
SOXHLET EXTRACTION UNIT.....13
SPATULAS (DIFFERENT TYPES).....4,5
SPECTROPHOTOMETERS.....28
SPHYGMOMANOMETER (BP APPARATUS).....48
SPIRIT LAMP.....5
SPIROMETER.....24
STABILITY / HUMIDITY ENVIRONMENTAL CHAMBER.....25
STETHOGRAPH.....45
STETHOSCOPE.....48
STOP WATCH.....113
STUDENT POLARIMETER.....22
SUPPOSITORY MOULD.....43
SURGICAL BOWL.....114
SURGICAL TRAY.....114

TABLET COATING PAN.....44
TABLET COUNTER.....44
TABLET DISINTEGRATION TEST APP.....41
TABLET FRIABLITY TEST APP.....24
TABLET HARDNESS TESTER.....44
TABLET MAKING MACHINE.....43
TAR VISCOMETER APPARATUS.....110
TDS / CONDUCTIVITY METER.....26, 27
TELE THERMOMETER.....44
TEST SIEVES.....49
TEST TUBE STAND.....113

THERMO HYGROMETER....48
TIMER ELECTRONIC....48
TINCHER PRESS....44
TISSUE CULTURE RACK....39
TLC KIT (THIN LAYER CHROMATOGRAPHY)....7
TOURNIQUET BELT....48
TRIPOT STAND....3
TURBIDITY / NEPHELOMETER....29

ULTRA SONICATOR....12
URINOMETER....48
UV CABINET....7
UV-VIS SPECTROPHOTOMETER....28

VACUUM GAUGES....8
VACUUM OVEN....17
VACUUM PUMPS....8
V.D.R.L. SHAKER....20
VISCOMETER DIGITAL....30
VISCOMETER REDWOOD....109
VORTEX SHAKER....19
VISCOMETER DIGITAL....30
VISCOMETER REDWOOD....109
VORTEX SHAKER....19

WATER & SOIL TESTING KIT....27
WATER BATH (6 & 12 HOLE)....11
WATER BATH PRECISION (CONSTANT TEMP.)....10
WATER BATH ROUND....12
WATER BATH SEROLOGICAL....12
WATER BATH SHAKING....11
WATER CIRCULATOR (CHILLER)....40
WATER DEIONIZATION UNIT....44
WATER STILL - 20WATER TAP....114
W.B.C. / R.B.C. TUBE....47
WEIGHING SCALE PERSONAL....47
WIDAL TUBE - 48WINTROBE STAND....48
WINTROBE TUBE....48
WIRE GAUGE....5

X-BLOCK....44

INDEX (GLASSWARE)

ADAPTERS

ADAPTERS, CONE TO RUBBER TUBING....67
ADAPTERS, CONES, PLAIN DOUBLE....65
ADAPTERS, EXPANSION ADAPTERS....66
ADAPTERS, MULTIPLE....66
ADAPTERS, REDUCTION....65
ADAPTERS, SOCKET TO CONE....67
ADAPTERS, SOCKET TO RUBBER TUBING....67
ADAPTERS, SOCKET, PLAIN DOUBLE....65
ADAPTERS, SWAN NECK....67

ADAPTERS RECEIVER

ADAPTERS RECEIVER, BEND WITH VENT....69
ADAPTERS RECEIVER, PLAIN BEND / STRAIGHT....68
ADAPTERS RECEIVER, SOCKET TO CONE....69

RECOVERY BEND - 70SPLASH HEAD....70, 71
STILL HEAD, RECOVERY BEND....69
VACUUM BEND....69

ASSEMBLY / APPARATUS

AMMONIA DISTILLATION ASSEMBLY....86
DISTILLATION ASSEMBLY'S....85
KIPPS APPARATUS....95
KJELDHAL DISTILLATION ASSEMBLY....86
R M VALUE APPARATUS....86
REFLUX ASSEMBLY....86
STEAM DISTILLATION ASSEMBLY'S....85

ARSENIC APPARATUS

ARSENIC APP. - GUTZEIT....86
ARSENIC APP. - SILVER DIETHYEDITHIO....86
ARSENIC APP. - BP....86

BEAKERS

BEAKERS, LOW FORM, GRADUATED....82
BEAKERS, TALL FORM, GRADUATED....82

BURETTES

BURETTE, AUTOMATIC ZERO....90
BURETTE, AUTOMATIC ZERO, CLASS "A"....90
BURETTE, GLASS KEY STOPCOCK....89
BURETTE, GLASS KEY STOPCOCK CLASS "A"....89
BURETTE, PINCH CLIP....89
BURETTE, PTFE SCREW TYPE, ROTAFLOW STPK....89
BURETTE, PTFE SCREW TYPE, ROTAFLOW,
AMBER COLOR....90
BURETTE, PTFE SCREW TYPE, ROTAFLOW, CLASS "A"....90

BUCHNER FUNNEL GLASS WITH SINTERED DISC....98

BOTTLES

BOTTLES, B.O.D. WITH STOPPER....103
BOTTLES, DROPPING....103
BOTTLES, REAGENT, AMBER COLOR,
BLUE SCREW CAP, W/M, GRAD....103
BOTTLES, REAGENT, AMBER COLOR,
GLASS STOPPER, N/M, GRAD....102

BOTTLES, REAGENT, BLUE SCREW CAP, WIDE MOUTH, GRAD....102
BOTTLES, REAGENT, GLASS STOPPER, NARROW MOUTH, GRAD....102
BOTTLES, SPECIFIC GRAVITY WITH CAPILLERY....101
BOTTLES, SPECIFIC GRAVITY WITH PTFE STOPPER....101
BOTTLES, SPECIFIC GRAVITY WITH THERMOMETER (PYKNOMETER).... 102
BOTTLES, WEIGHING, SQUAT FORM....101
BOTTLES, WEIGHING, TALL FORM....101
BOTTLES, WOULF....103

CONDENSERS

CONDENSERS, AIR....72
CONDENSERS, BULB (ALLIHN)....72
CONDENSERS, COIL, COIL DISTILLATE....73
CONDENSERS, COIL, JACKET DISTILLATE....73
CONDENSERS, DOUBLE COIL -VERTICAL....73
CONDENSERS, DOUBLE SURFACE - DAVIES....74
CONDENSERS, JACKETED COIL , DOUBLE....74
CONDENSERS, LIEBIG....72

CONICAL FLASKS (ERLENMEYER)

CONICAL FLASKS (ERLENMEYER)....79
CONICAL FLASK WITH STOPPER....79

CLEVENGER APPARATUS....87

CYLINDERS MEASURING

CYLINDER MEASURING GRAD. STOPPER....93
CYLINDER MEASURING GRAD., HEXAGONAL BASE, CLASS "A"....92
CYLINDER MEASURING GRAD., ROUND BASE, CLASS "A"....93
CYLINDER MEASURING GRAD., STOPPER, CLASS "A"....93
CYLINDER MEASURING GRADUATED....52
CYLINDER, CROW RECEIVER WITH STOPPER....94
CYLINDER, CROW RECEIVER WITH STOPPER, CLASS "A"....94
CYLINDER, NESSLER GRAD....94
CYLINDER, NESSLER, GRAD. CLASS "A"....94

COLUMNS, CHROMATOGRAPHY

CHROMATOGRAPHY APPARATUS....99
COLUMNS, CHROMATOGRAPHY, PLAIN, W/O. & WITH STPK....99
COLUMNS, CHROMATOGRAPHY, SINTERED DISC....100
COLUMNS, CHROMATOGRAPHY, SINTERED DISC, SOCKET & CONE....99
RECTANGULAR JAR FOR CHROMATOGRAPHY....105
SPRAYER WITH RUBBER BELLOW....104

CLIPS, JOINT CLIP PLASTIC....81

CRUCIBLES

NICKLE CRUCIBLE....120
SILICA CRUCIBLE....120

DISTILLATION APPARATUS

WATER DISTILLATION ALL GLASS, ROUND FLASK, HEATER TYPE....50
WATER DISTILLATION CUT OF DEVICE....50
WATER DISTILLATION, AUTOMATIC, CABINET MODEL..54
WATER STILL ALL QUARTZ, DOUBLE (HORIZONTAL).....58
WATER STILL ALL QUARTZ, DOUBLE (VERTICAL).....57
WATER STILL QUARTZ DISTILLATION, SINGLE (HORIZONTAL)....56
WATER STILL QUARTZ DISTILLATION, SINGLE (VERTICAL)....55
WATER STILL SPARES....59,60
WATER STILL WITH METAL HEATER....51
WATER STILL WITH SILICA HEATER....52
WATER STILL WITH SILICA HEATER (DOUBLE STILL).....53

DRYING / GUARD TUBE....71
DISTILLATION FLASK....79

DEAN & STARK MOISTURE DETERMINATION APP.

CLEVENGER APPARATUS, HEAVIER THAN WATER....87
CLEVENGER APPARATUS, LIGHTER THAN WATER....87
DEAN & STARK PTFE / GLASS STOPCOCK....87
DEAN & STARK ROTAFLOW STOPCOCK....87

DESSICATORS

DESSICATOR, PLAIN....105
DESSICATOR, VACUUM....105

DISHES

DISHES, CRYSTALIZING, FLAT BOTTOM....106
DISHES, CULTURE, PETRI DISH....106
DISHES, EVAPORATING, WITH POUR OUT....106

EXTRACTORS

SOXHLET CONDENSER SPARE....88
SOXHLET EXTRACTOR SPARE....88
SOXHLET EXTRATION SET -R.B., EXTRACTOR & CONDENSER....88
SOXHLET FLASKS SPARE....75

FLASKS

FLASKS, ROUND / FLAT BOTTOM, PLAIN....74
FLASKS, ROUND BOTTOM WITH I/C JOINT, FOUR NECK....77
FLASKS, ROUND BOTTOM WITH I/C JOINT, SINGLE NECK....75
FLASKS, ROUND BOTTOM WITH I/C JOINT, THREE NECK....76, 77
FLASKS, ROUND BOTTOM WITH I/C JOINT, TWO NECK....76
THERMOMETER POCKET....71

FLASKS

FLASK, REACTION, TEFLON GASKET....81
FLASKS, CONICAL, GRADUATED....79
FLASKS, CONICAL, I/C STOPPERED, GRADUATED....79
FLASKS, DISTILLATION WITH SIDE TUBE....79
FLASKS, FILTERING (BUCHNER), BOLT NECK....78
FLASKS, IODINE....78
FLASKS, KJELDHAL, I/C JOINT....78
FLASKS, KJELDHAL, PLAIN....78
FLASKS, LECHATELIER....80
FLASKS, LOCKING CLIPS, PLASTIC....81

FLASKS, PEAR SHAPE....79
FLASKS, REACTION KETTLE....80
FLASKS, REACTION KETTLE, LID....80
FLASKS, REACTION VESSEL....80
FLASKS, REACTION VESSEL, LID....80
FLASKS, REACTION, SS CLIPS....81
FLASKS, RECEIVER FOR ROTAVAPOUR....81
FLASKS, ROTAVAPOUR....81
FLASKS, TILT MEASURING....78
FLASKS, VOLUMETRIC....94
FLASKS, VOLUMETRIC, AMBER COLOR, CLASS "A"....95
FLASKS, VOLUMETRIC, CLASS "A"....95

FUNNELS

FUNNEL, SEPARATING, GLASS STOPCOCK....83
FUNNEL, SEPARATING, PTFE STOPCOCK....83
FUNNEL, SEPARATING, ROTAFLOW STOPCOCK....83

FUNNEL, DROPPING/ ADDITION, ROTAFLOW STPK....84
FUNNEL, PRESSURE EQUALISING, GLASS/ ROTAFLOW STPK....84
FUNNEL, PRESSURE EQUALISING, PTFE KET STPK....84

FUNNEL, FILTER, PLAIN 60° STEM....84
FUNNEL, POWDER WITH JOINT....85

FILTER HOLDER ASSEMBLY (MEMBRANE)....98

GAS PASSING TUBE....71

GLASS SPREADER....106
GOOCH CRUCIBLE....98

HYDROMETERS

HYDROMETER, BEAUME....108
HYDROMETER, BRIX....108
HYDROMETER, SPECIFIC GRAVITY....107
HYDROMETER, TWADDLE....108
HYDROMETER, UNIVERSAL....108

IODINE FLASKS....78

JAR RECTANGULAR WITH COVER....105

KJELDHAL FLASKS....78

KIPPS APPARATUS....95

LACTOMETER.... 107

LOCKING CLIPS PLASTIC....81

MACLEOD GAUGE (VACUSTAT)....86

PIPETTES

PIPETTES, MEASURING (GRADUATED)....91
PIPETTES, MEASURING (GRADUATED) CLASS "A"....91
PIPETTES, VOLUMETRIC (BULB PIPETTE)....91
PIPETTES, VOLUMETRIC (BULB PIPETTE) CLASS "A"....91

QUARTZ LABWARE

QUARTZ BEAKERS....61
QUARTZ COMBUSTION BOATS....63
QUARTZ CONDENSER....63
QUARTZ CONICAL FLAS....62
QUARTZ CRUCIBLE....64
QUARTZ DISTILLATION FLASK....63
QUARTZ FLAKS....61
QUARTZ KJELDHAL FLASK....62
QUARTZ LID FOR CRUCIBLE....64
QUARTZ MUFFLE TRAY....64
QUARTZ REAGENT BOTTLE....62
QUARTZ TEST TUBES....63

RECEIVER ADAPTERS....68, 69

RECOVERY BEND....70

STILL HEAD....69

SPLASH HEADS....70, 71

SEPARATING FUNNELS....83

SINTERED GLASSWARE

MEMBRAN FILTER HOLDER ASSEMBLY WITH DISC....98
GOOCH CRUCIBLE....98

STOPCOCKS

STOPCOCKS, STRAIGHT BORE....100
STOPCOCKS FOR BURETTE....100
STOPPERS....82

STALGANOMTER....104
SPRAYER WITH RUBBER BELOW....104
SILICA CRUCIBLE....120

TUBES

TEST TUBES....97
TEST TUBES, STOPPERED, GRADUATED....97
TUBES, CENTRIFUGE, GRADUATED....96
TUBES, CENTRIFUGE, PLAIN....96
TUBES, CENTRIFUGE, STOPPERED....97
TUBES, CENTRIFUGE, STOPPERED, GRAD....97
TUBES, CULTURE MEDIA, FLAT BOTTOM....96
TUBES, CULTURE MEDIA, ROUND BOTTOM....96
TUBES, DRYING TUBE / GUARD TUBE....71
TUBES, GAS PASSING....71

TUBES

CAPILLERY TUBE....104
CONNECTING TUBE, T, U, Y SHAPE....103
DURHAM TUBE....104
GLASS SPREADER....106
POLARIMETER TUBE....104
STALGANOMETER....104
THEIL MELTING POINT TUBE....104
VISCOMETER TUBE FOR BATH....113
VISCOMETER TUBE, COLLEGE PATTERN....104

THERMOMETERS

MAXIMUM & MIN. THERMOMETER....107
THERMOMETER FOR OVEN & INCUBATOR....107
THERMOMETER POCKET....71
THERMOMETERS, MERCURY, RED....106
WALL THERMOMETER....107
WET & DRY THERMOMETER....107

VOLUMETRIC FLASKS

VOLUMETRIC FLASK....94
VOLUMETRIC FLASK CLASS "A"....95
VOLUMETRIC FLASK, AMBER COLOR, CLASS "A"....95
VACUSTAT (MACLEOD GAUGE)....86

WATCH GLASS....105













101 RETORT STANDS 'LALCO'

Retort Stands : the base is made of cast iron adjusted for standing evenly on plain surface. The rods made tested for mounting perpendicularly to bases.

Cat. No.	Base Size	Rod P.C.	Powder Coating Rs. P.	Heavy Rs. P.
101/01	6"x4"	18x3/8"	300.00	
101/02	7"x5"	24x3/8"	370.00	
101/03	8"x5"	24x3/8"	400.00	580.00
101/04	8"x5"	24x12mm	430.00	600.00
101/05	9"x6"	30x12mm	710.00	
101/06	12"x7"	36x12mm	1200.00	



101

101/01/A RETORT STANDS MILD STEEL WITH LEVELING SCREW WITH NYLON UNBREAKABLE FEET, POWDER COATED 'LALCO' 3mm base thickeness

Cat. No.	Base Size, Rod Size & Dia	Rod P.C.
101/01A	6"x4"x18"x3/8"	220.00
101/02A	7"x5"x24"x3/8"	260.00
101/03A	7"x5"x24"12mm	280.00
101/04A	8"x5"x24"x3/8"	260.00
101/05A	8"x5"x24"12mm	300.00
101/06A	9"x6"x30"12mm	460.00



101/01/A

101/01/B BEND TYPE, MILD STEEL, POWDER COATED 'LALCO'

Cat. No.	Base Size, Rod Size & Dia	Rod P.C.
101/13B	6"x4"x18"x3/8"	200.00
101/07B	7"x5"x24"x3/8"	280.00
101/08B	8"x5"x24"x3/8"	310.00
101/09B	8"x5"x24"12mm	325.00
101/10B	9"x6"x30"12mm	485.00
101/11B	10"x6"x30"12mm	580.00
101/12B	12"x7"x36"12mm	685.00



101/01/B

102 RETORT RINGS 'LALCO'

Powder Coated (Size)	2"	2½"	3"	4"
Price (ROUTINE)	90.00	92.00	100.00	110.00
Powder Coated (Size)	5"	6"	8"	
Price (ROUTINE)	140.00	160.00	200.00	



102

LABORATORY METALWARE

103 LABORATORY CLAMPS 'LALCO'

Cat. No.	Product Name	M.S. P.C.	ALU P.C.	BRASS C.P.
103/01	Universal	78.00		
103/02	Burette		160.00	450.00
103/03	Burette Clamp Fisher Type Single	88.00		
103/04	Burette Clamp Fisher Type Double	180.00		
103/05	Cross Pattern		160.00	450.00
103/06	Three Prong		160.00	450.00
103/07	Universal		160.00	450.00
103/08	Condenser		160.00	450.00
103/09	Jumboo Three Prong (Heavy)		470.00	1600.00
103/10	Jumbo Four Prong (Heavy)		470.00	1600.00
103/13	Jumboo Condenser Clamp (Special)			1600.00
103/14	Co-Axial Clamp		440.00	1600.00
103/15	Double Key Clamp		460.00	1600.00

Rods are 9"7mm. If required 9"9mm add **Rs. 10.00** If 12"9mm add **Rs. 20.00** If Required Key Type Chutki Add **Rs. 30.00** (NET)

104 BOSS HEAD 'LALCO'

Cat. No.	Product Name	Price/Pcs.
104/01	**Boss Head** cast iron for use with retort clamp and black painted with strong screw to hold upto 25mm heavy (Jumbo)	330.00
104/02	**Boss Head** cast iron for use with retort clamp and black painted with strong screw to hold upto 20mm heavy	170.00
104/03	**Boss Head** cast iron for use with retort clamp and black painted with strong screw to hold upto 16mm heavy	150.00
104/04	**Boss Head** cast iron for use with retort clamp and black painted with strong screw to hold upto 12mm heavy	84.00
104/05	**Boss Head** made of brass molded chrome plated 12mm	230.00
104/05/1	**Boss Head** brass chrome plated 16mm	300.00
104/06	**Boss Head** aluminum, powder coated	60.00
104/07	**Boss Head** aluminum, p.c. square type	220.00

*If you required Thumb Screw (M.S.) Add **Rs. 6.00** or (Brass C.P.) Add **Rs. 25.00** In (12mm, 16mm, aluminum boss heads) NET

104/A FILTER PUMP EDWARDS TYPE BRASS C.P. 'LALCO' 1200.00

LALCO™ Scientific Instruments


103/03-04


103/05


103/06


103/07

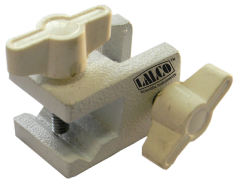

103/08


103/10


104/1-4


104/05


104/06


104/07


104/A

LALCO™ Scientific Instruments

LABORATORY METALWARE



105



106





106/10



106/12





106/13

106/15



109



M-1



F-1

105 TRIPOD STAND CAST IRON BASE POWDER COATED 'LALCO'

Cat. No.	Top	Rod	Price (C.I. Base) (Tringular, P.C.)	Price (C.I. Base) (Round, P.C.)
105/01	4"	6"	80.00	88.00
105/02	4"	7"	84.00	95.00
105/03	4"	8"	88.00	100.00
105/04	5"	6"	88.00	110.00
105/05	5"	7"	94.00	120.00
105/06	5"	8"	100.00	128.00

*Other size on request

106 BUNSEN BURNER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
106/01	**Bunsen Burner** without stop cock	210.00
106/02	**Bunsen Burner** with stop cock L.P.G.	280.00
106/03	**Meaker Burner** without stop cock 25mm	800.00
106/04	**Meaker Burner** with stop cock L.P.G. 25mm	1000.00
105/05	**Meaker Burner** small 18mm with stop cock	800.00
106/06	**Meaker Burner** small 18mm without stop cock	700.00
106/09	**Bunsen Burner** with stop cock with double flame pipe	550.00
106/10	**Bunsen Burner** Electric	6600.00
106/12	**Bunsen Burner** Meaker type with heavy stop cock	800.00
106/13	**Bunsen Burner** Meaker type without heavy stop cock	600.00
106/14	**Bunsen Burner** Meaker type with screw type stop cock	700.00
106/15	**Bunsen Burner** Meaker type without stop cock (all brass)	800.00

109 ANALYTICAL WEIGHT BOXES 'LALCO'

Analytical Weight Boxes : in polished wooden box with fractional weight and forceps and works certificate.

Cat. No.	Meterial	Capacity	Class	Price/Pcs.
109/06	Brass C.P.	1mg to 100gm	A	1600.00
109/07	Brass C.P.	1mg to 200gm	A	2100.00
109/09	Brass C.P.	1mg to 100gm	B	1380.00
109/10	Brass C.P.	1mg to 200gm	B	1840.00
109/12	Brass C.P.	1mg to 200gm	"A" with NABL Certified	7500.00
109/13	S.S.	1mg to 200gm	M-1	8100.00
109/14	S.S.	1mg to 200gm	M-1 NABL Certified	12000.00
109/15	S.S.	1mg to 200gm	F-1 NABL Certified	32000.00

Note : NABL certified from govt. undertaking NABL accredited lab. and class A is certifed in our lab as per tolerance prescribed by NPL, delhi.

LABORATORY METALWARE

LALCO™ Scientific Instruments

110 PHYSICAL WEIGHT BOX 'LALCO'

Physical Weight Boxes : made of electroplated brass with forceps in polished wooden case.

Cap. :	1mg to 100gm	1mg to 200gm	
Price :	**800.00**	**1050.00**	
Cap. :	1mg to 500gm	1mg to 1000gm	1mg to 2000gm
Price :	**4200.00**	**7000.00**	**1200.00**



110

111 GAS TAP 'LALCO'

GAS TAP : brass chrome plated L.P.G. with routine nosel

One Way	Two Way	Three Way	Four Way
500.00	**600.00**	**700.00**	**900.00**

Note : if require 3" nosel cost extra of **Rs. 35.00** net & 4" **Rs. 40.00** net



111

112 CRUCIBLE TONG 'LALCO'

Stainless : steel fine polish

Size :	6"	8"	10"	12"	15"	18"	24"	30"	36"
Price :	**72.00**	**80.00**	**154.00**	**190.00**	**250.00**	**374.00**	**750.00**	**820.00**	**1000.00**



112

113 BEAKER / FLASK TONG 'LALCO'

Size	Meterial	Price/Pcs.
12"	Stainless Steel"	**240.00**



113

114 SPATULA SPOON TYPE 'LALCO'

Spatula : made of stainless steel sheet heavy one end spoon end one end flat.

Size :	4"	5"	6"	8"	10"	12"
Price :	**20.00**	**20.00**	**28.00**	**38.00**	**70.00**	**80.00**



114

115 SPATULA WIRE TYPE 'LALCO'

Spatula wire type : stainless steel heavy, one end spoon

Size :	6"	8"	10"	12"
Price :	**36.00**	**40.00**	**52.00**	**80.00**



115

116 FLEXIBLE SPATULA WITH POINT 'LALCO'

Size :	6"	8"	10"	12"
Price :	**72.00**	**82.00**	**88.00**	**110.00**



116

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LABORATORY METALWARE



116/01



116/03





118



121/01 - 02

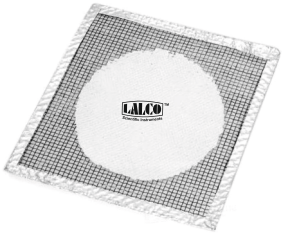




121/03 - 04



130



134



136

116/01 OINTMENT SPATULA S.S. WITH WOODEN HANDLE 'LALCO'

Size :	4"	6"	8"	10"	12"
Price :	88.00	100.00	120.00	155.00	180.00

116/03 CHATWAY SPATULA WITH CURVED ENDS S. STEEL 'LALCO'

Size :	6"	8"	10"	12"
Price :	50.00	62.00	72.00	88.00

118 SPIRIT LAMP 'LALCO'

Cat. No.	Meterial	Price/Pcs.
118/01	S. Steel	88.00
118/02	Brass	180.00
118/03	Aluminium	76.00

121 CORK BORERS 'LALCO'

Cat. No.	Product Name	Price/Pcs.
121/01	**Cork Borer** made from brass sheet set of 6	264.00
121/02	**Cork Borer** made from brass sheet set of 12	800.00
121/03	**Cork Borer** made from thick brass pipe with strong handle, German (Routine) pattern and packed in cardboard box. set of 6	750.00
121/03/H	**Cork Borer** made from thick brass pipe with strong handle, German (Routine) pattern and packed in cardboard box. set of 12	1200.00
121/04	**Cork Borer** made from thick brass pipe with strong handle, German (Hexagonal) pattern and packed in cardboard box. set of 6	1600.00
121/04/H	**Cork Borer** made from thick brass pipe with strong handle, German (Hexagonal) pattern and packed in cardboard box. set of 12	3200.00

130 FORCEPS MADE OF STAINLESS STEEL (BLUNT/POINTED) 'LALCO'

Size :	4"	5"	6"	8"	10"	12"
Price :	30.00	38.00	55.00	74.00	95.00	130.00

134 WIRE GAUGE 'LALCO'

Size :	6"x6" without frame	6"x6" with frame
Price :	16.00	22.00

136 HOFFMAN SCREW CLIP BRASS C.P. 'LALCO'

Size :	12mm	18mm	25mm
Price :	120.00	140.00	160.00

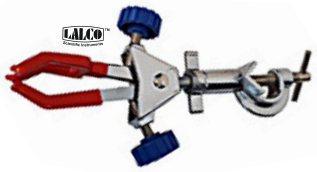
LABORATORY METALWARE

LALCO™ Scientific Instruments

175 THREE PRONG CLAMP MADE OF ZINC DIE CASTED DOUBLE ADJUST ABLE WITH HEAVY THUMB SCREW 'LALCO' — **600.00**


175

178 THREE PRONG DOUBLE ADJUSTABLE WITH ATTACHED BOSS HEAD ZINC DAI CASTING WITH STRONG THUMB SCREWS, NICKEL PLATING 'LALCO' — **700.00**


178

180 NEW IMPROVED BURETTE CLAMP 'LALCO'

With all aluminum casted mounts on rod of 1/4" to 1/2" in diameter, clamp has a smooth enamel finish with rubber finger grippers with mild steel screwchome plated.

Cat. No.	Type	Price
180/01	Double	600.00


180

181 BURETTE CLAMPS 'LALCO'

with all aluminum casted mounts on rod of 1/4" to 1/2" in diameter, clamp has a smooth enamel finish with rubber finger grippers

Cat. No.	Type	Price
180/01	Double	300.00


185

185 UNIVERSAL CLAMP DAI CASTING WITH BOSS HEAD 'LALCO' — **280.00**


187

187 PENDULUM CLAMP WITH BOSS HEAD 'LALCO' — **260.00**


190

190 THERMOMETER CLAMP WITH BOSS HEAD DAI CASTING 'LALCO' — **240.00**


192

192 BOSS HEAD IS MADE OF ZINC PRESSURE DAI CASTING 'LALCO'

Cat. No.	Coating	Price/Pcs.
192/01	Powder	120.00


193

193 BOSS HEAD ZINC DAI CASTING WITH 360 DEGREE ROTATABLE WITH STRONG SCREWS, BOSS HEAD POWDER COSTED 'LALCO' — **250.00**


195

195 RETORT STAND MILD STEEL SHEET, DAI MADE THICKNESS 5MM WITH CHOME PLATE ROD, BASE BLUE POWDER COATING 'LALCO'

Cat. No.	Base Size	Rod Size	Price/Pcs.
195/01	6x4"	20"x12mm	600.00
195/02	8x5"	24"x12mm	800.00
195/03	10x6"	30"x12mm	1200.00


196

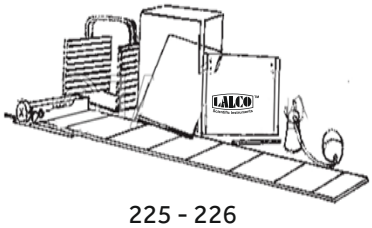
196 BUNSEN BURNER ZINC DIE CASTING WITH BRASS PIPE, W/O STOPCOCK 'LALCO' — **600.00**

LALCO™
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LABORATORY INSTRUMENTS



221 - 222



225 - 226



228



229



230



231

220	U.V. CABINET FITTED WITH LONG WARE UV LIGHT 365NM VISIBLE LIGHT TUBE 15X12X10" 'LALCO'	7200.00
221	U.V. CABINET FITTED WITH LONG WARE UV LIGHT 254NM VISIBLE LIGHT TUBE 15X12X10" 'LALCO'	7200.00
222	U.V. CABINET FITTED WITH LONG WARE UV LIGHT 365NM SHORT WAVE UV LIGHT 254NM & VISIBLE LIGHT TUBE 15X12X10" 'LALCO'	7700.00
	OPTIONAL : *SPARE U.V. TUBE : SHORT/LONG/VISIBLE (SET) 'LALCO'	3000.00

225 THIN LAYER CHROMATOGRAPHY KIT : 'LALCO' 12500.00

1.) Spreader (applicator) made of electroplated brass. **2.)** Perspex base of 114x23cm to support glass plates. **3.)** Plate rack made of aluminium, anodized for 20x20cm plates. **4.)** Spotting template made of perpex. **5.)** TLC plates **6.)** Glass sprayer with rubber bellow. **7.)** Micropipette. **8.)** Scriber for marking lines made of stainless steel. **9.)** Instruction manual **(without jar)**

226 THIN LAYER CHROMATOGRAPHY KIT : 'LALCO' 11500.00

1.) Spreader (applicator) made of Alluminium. **2.)** Perspex base of 114x23cm to support glass plates. **3.)** Plate rack made of aluminium, anodized for 20x20cm plates. **4.)** Spotting template made of perpex. **5.)** TLC plates **6.)** Glass sprayer with rubber bellow. **7.)** Micropipette. **8.)** Scriber for marking lines made of stainless steel. **9.)** Instruction manual **(without jar)**

228 CENTRIFUGE MACHINE 'LALCO'

Cat. No.	Type	Tubes	Price/Pcs.
228/01	Doctor Model	6/8 tubes	3400.00

229 CENTRIFUGE MACHINE 4 TUBES HAND DRIVEN 'LALCO' 1900.00

230 CENTRIFUGE MACHINE HANDI TYPE 'LALCO'

Cat. No.	Type	Tubes	Price/Pcs.
230/01	Handi Type	4 tubes	3950.00
230/02	Handi Type	6 tubes	4200.00
230/03	Handi Type	8 tubes	4400.00

231 CENTRIFUGE MACHINE SQUARE (RESERCH MODEL) 'LALCO'

Cat. No.	Type	Tubes	Price/Pcs.
231/01	Square	4 tubes	12000.00
231/02	Square	8 tubes	14400.00
231/03	Square	12 tubes	15600.00

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232 CENTRIFUGE MACHINE DIGITAL (RESERCH MODEL) 'LALCO'

Square model (research model) with **DIGITAL RPM & TIMER** of 1 to 99 min. with steepless speed control, iluminated switch, the motor shut off when the cover is opened with instant break switch. the centrifuge is supplied with swing out tubes.

Cat. No.	Type	Tubes	Price/Pcs.
232/01	Digital Square	8x15ml Tubes	30000.00
232/02	Digital Square	12x15ml Tubes	30000.00
233/03	Digital Square	4x50ml Tubes	32000.00
Refrigerated Centrifuge Machine Please Refer Page No. 119/120			



232

233 VACUUM PUMP OIL FREE 'LALCO'

Portable Diaphragm type cum air compressor

Cat. No.	Max/flow Ltr./Min.	Max Vacuum (in Hg.)	Max. Press (PSIG)	Motor	Price/Pcs. H.P.
233/01	15	22"	25	1/16	10700.00
233/02	25	27"	25	1/8	14800.00
233/03	45	22"	35	1/6	18500.00
233/04	75	27"	55	1/4	22000.00



233

234 VACUUM PUMP OIL SEALED PORTABLE 'LALCO'

42 Ltrs/Min	Max Vacuum 5 Pa.	1/5 H.P.	Ultimate Vacuum : 150micron	10500.00



234

235 VACUUM PUMP OIL SEALED SINGLE STAGE HEAVY 'LALCO'

Cat. No.	Max/flow Ltr/Min.	Motor H.P.	Price/Pc. Rs./Pc.
235/01	32	¼	25000.00
235/02	50	¼	27000.00
235/03	75	¼	33000.00
235/04	100	½	40000.00

236 VACUUM PUMP OIL SEALED DOUBLE STAGE HEAVY 'LALCO'

Cat. No.	Max/flow Ltr/Min.	Motor H.P.	Price/Pc. Rs./Pc.
236/01	32	¼	33000.00
236/02	50	¼	36000.00
236/03	75	½	43000.00
236/04	100	½	47500.00
Optional : 1. Vacuum Gauge With Regulator			2500.00
2. Vacuum Gauge with regulator and non-return valve combined			5500.00
3. Moisture trap with non-return valve and vacuum gauge with regulator combined			7000.00



235 - 236

LALCO™
Scientific Instruments

LABORATORY INSTRUMENTS


239

239 LABORATORY STIRRER 'LALCO' 8800.00

With noise less universal motor, maximum speed 4000rpm with electronic variable speed regular 200 to 400 rpm. the stirrer shaft is of stainless steel with 3 bladed propeller having 37mm. sweep, shaft & stirrer coupled by means of simple bus coupling with grub screw. stirrer is mounted on aadjustable heavy stand, with **D.C. Motor**

239/A LABORATORY STIRRER (SAME AS CAT. NO. 239) BUT WITH DIGITAL CONTROLLER 'LALCO' 15600.00



240

240 MAGNETIC STIRRER WITH VARIABLE SPEED CONTROLLER 'LALCO'

Cat. No.	Cap.	Heater	Price/Pcs.
240/01	2Ltrs.	With Hot Plate	4000.00
240/02	5Ltrs.	With Hot Plate	7000.00
240/03	2Ltrs.	Without Hot Plate	3600.00
240/04	5Ltrs.	Without Hot Plate	6500.00


242

242 MELTING POINT APPARATUS 'LALCO' 4000.00

Melting Point Apparatus : with temperature control. this unit is very useful in the determination of the melting point of any substance in small quantity upto 300d c. the apparatus is suitable for 230v ac mains.

243 DIGITAL MELTING POINT APPARATUS 'LALCO' 40000.00

Digital Melting Point Apparatus : is a compact instrument for accurate determination of melting points of solid samples. the unit consist of a builtin magnetic stirrer, an electronic control for adjusting the rate of heating of silicon bath, an on/off switch, a pilot lamp, magnifier, glass free illuminated background, a high/low range selector switch a digital temperature indicator with pt-100 sensor. the silicon oil bath consists of plain cylindrical container of corning glass heaving cap. about 200ml. the range of the app. is from 2d c above room temp, upto 300d c with readability 1d c. the app. is supplied with 175ml. silicon oil for use upto 300d c and a box of capillaries. it can also be used for determination of boiling points, flow points & molecular weight by rast's method with special tubes, not supplied with the inst.


243

*SPARE : GLASS VASSAL FOR ABOVE 'LALCO' 1800.00

*SPARE : MELTING POINT TUBE 'LALCO' 135.00


244

244 VACUUM FILTER HOLDER S.S. 47MM 'LALCO' 7500.00

Stainless Steel Vacuum Filter Holder 47mm : stainless steel lid, funnel base, clamp and teflon coated filter support screen, silicon, teflon sealing ting in lid. filter diameter 47mm. filtration area 12.4cm, funnel cap 250ml. max operating pressure for vacuum only. sterilization autoclaving at upto 130d c or dry heat at 180d c, without mounted membrane filter but with filter flask

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246 FILTER FUNNEL (STERILITY TEST OF 3/6) 'LALCO'

Filter Funnel : manifold for sterility test: this mechanism is to accept up to three 47mm, dia filter funnels. this mechanism can be connected in series to the same vacuum source to expand capacity if required. large support base provides excellent stability each of the three vacuum outlets has leak-proof, two-way stopcock & a vent to accepts filter funnel through silicon rubber cork

Cat. No.	Size	Material	Price/Pcs.
246/01	Set of 3	S.S. 316	42000.00
246/02	Set of 6	S.S. 316	75000.00



246

250 LABORATORY JACK 'LALCO'

Laboratory Jack : suitable for supporting glassware or bath. the height of top jack support accurately adjustable by easy rotation of the knob. jacks are powder coated with an epoxy/polyster hybrid color.

Cat. No.	Size	Material	Price/Pcs.
250/01	15x15cm	Mild Steel	2100.00
250/02	15x15cm	Stainless Steel	4400.00
250/03	20x20cm	Mild Steel	2400.00
250/04	20x20cm	Stainless Steel	6600.00
250/05	25x25cm	Mild Steel	4400.00
250/06	30x30cm	Mild Steel	6600.00
250/07	25x25cm	Stainless Steel	11600.00
250/08	30x30cm	Stainless Steel	13800.00



250 M.S.



250 S.S.

253 WATER BATH PRECISION (CONSTANT TEMP. WATER BATH) 'LALCO'

Water bath precision (Constant temp, water bath) : water bath provides consistent temp, controller over the range ambient to 110°c. the outer chamber made of m.s. powder coated and inner chamber stainless steel provided **with glass window** for an easy inside view and a powerfull stirring system for good temp, uniformity on the bath. the ISI mark heaters are controlled the temp, work on 220/230 volt A.C.

Cat. No.	Size	Price/Pcs.
253/01	17"x10"x9"	25000.00
253/02	18"x15"x15"	31000.00
253/03	24"x18"x18"	42000.00
Optional : PID temp. controller		4000.00



253

254 OIL BATH HIGH TEMP. 'LALCO'

High Temp, Oil Bath : temp, range from 50°c to 300°c and it is thermostatically control with an accuracy of ±2°c. double walled with cover, inside stainless steel and outer side M.M. powder coated/Stainless Steel to work on 220/230 volt A.C.



254

Size	1 Ltrs.	2 Ltrs.	3 Ltrs.	5 Ltrs.	10 Ltrs.	20 Ltrs.
Outer M.S. Inner S.S.	13900.00	16550.00	18800.00	23100.00	28500.00	33400.00
Complete S.S.	14800.00	17200.00	19800.00	24200.00	29700.00	34700.00
Optional :- Digital temp. indicator cum controller						Net 4500.00

255 WATER BATH DOUBLE WALL ELECTRICALLY 'LALCO'

Water Bath Electrically : heated thermostatically controlled with regulator to facilitate temperature control within ± 2°c. it is double walled, outside mild steel powder coated fitted with 2" glass wool insulation. the stainless steel cover has holes of 3" diameter with concentric rings and is fitted with immersion heater (ISI marked) of rating 1000watts. works on 220/230v AC



255

Cat. No.	Inside Chamber	No. of Holes	Price/Pcs. Outer M.S.	Price/Pcs. Complete S.S.
255/01	Stainless Steel	6	6600.00	8250.00
255/02	Stainless Steel	12	8500.00	11000.00
Optional : Digital temp. indicator cum controller				Net 4000.00
Spare thermostat				Net 950.00
Heater ISI marked				Net 750.00

256 SHAKING WATER BATH 'LALCO'

Shaking Water Bath : the inner chamber made of stainless steel and outer made of m.s. powder coated. the isi mark heaters are controlled from ambient to 100°c capillary type thermostat. this bath has a shaking trolley, which can be controlled to 40 to 140 strocks/min. the shaking tray either hold test tubes or flasks of 250ml. or 50ml. or 100ml. capacity as required.





256

Cat. No.	Size	Price/Pcs.
256/01	275x275x75mm	57500.00
256/02	275x275x150mm	63300.00
Shaking tray size according to require (Tray Price are Extra)		
256/03	16 nos.x25ml.	3500.00
256/04	12 nos.x50ml.	3500.00
256/05	9 nos.x100ml.	3500.00
256/06	5 nos.x250ml.	3500.00
256/07	4 nos.x500ml.	3500.00
256/08	2 nos.x1000ml.	3500.00
256/09	25 nos.x25mm Test Tube	3500.00
Optional : 1. Digital PID controller		Net 4000.00
2. Digital RPM meter		Net 4000.00

LALCO™ Scientific Instruments

258 WATER BATH ROUND 'LALCO'

Water Bath Round : thermostatic with indicator and inside S.S.

Size	1 Ltrs.	2 Ltrs.	3 Ltrs.	5 Ltrs.	10 Ltrs.
Outer M.S. Inner S.S.	13900.00	16550.00	18800.00	23100.00	28500.00
Complete S.S.	14800.00	17200.00	19800.00	24200.00	29700.00

Optional :- Digital temp. indicator cum controller — Net 4500.00



258

259 SEROLOGICAL WATER BATH ELECTRICALLY 'LALCO'

Serological Water Bath Electrically : heated double walled, inside made of brass or stainless steel outside mild steel with insulation glass wool between two walls. finisher in attractive powder coating. temperature 37d c to 60d c with an accuracy of ±2d c. temperature controlled by capillary type thermostat supplied with false perforated platform to protect thermostat and heater. working on 230volts A.C. single phase 50 cycle mains.

Cat. No.	Approx Cap.	Racks	Size	Outer M.S. Inner S.S.	Price/Pcs. Complete S.S.
259/01	14 Ltrs.	2 Racks	12"x10"x7"	9900.00	13300.00
259/02	18 Ltrs.	4 Racks	14"x12"x7"	12500.00	16900.00
259/03	25 Ltrs.	6 Racks	18"x12"x7"	14500.00	19600.00

Optional : Digital temp. indicator cum controller — Net 4000.00



259

260 ULTRA SONIC CLEANER (SONICATOR) 'LALCO'

Ultra Sonic Cleaner (Sonicator) : sound which human being canot hear ultra sound uitlizes frequencies from and above 40khz for effective cleaning with low noise. stainless steel outer & inner tank, digital timer & heater, deep drawn tank, basket & lid, drain valve upto 6 ltrs.

Technical Parameter

1. Voltage : AC 200V, 50Hz/60Hz
2. Ultrasonic Frequency : 40 Khz
3. Working Hours : 8

Cat. No.	Tank Dimension L x W x H (mm)	Size	Watt.	Price/Pcs.
260/01	150 x 137 x 110	1.8 Ltrs.	50 W	22000.00
260/02	235 x 135 x 150	4 Ltrs.	100 W	35000.00
260/03	300 x 240 x 100	6 Ltrs.	150 W	50000.00
260/04	300 x 240 x 150	9 Ltrs.	200 W	60500.00
260/05	325 x 300 x 150	12 Ltrs.	200 W	71500.00
260/06	325 x 300 x 200	16 Ltrs.	300 W	82500.00
260/07	500 x 300 x 150	20 Ltrs.	300 W	102500.00
260/08	500 x 300 x 200	25 Ltrs.	600 W	120000.00



260

262 HEATING MANTLES 'LALCO'

Heating Mantles : housing made of aluminum/M.S. powder coated. mantle knitted form fiber glass yarn with glass wool insulation to prevent heat loss. with temperature control arrangement by energy regulator.



262

Cat. No.	Capacity	Watts	Circuits	Price/Pcs.
262/02	100 ml.	100	1	1500.00
262/03	250 ml.	150	1	1600.00
262/04	500 ml.	200	1	1700.00
262/05	1000 ml.	300	1	2000.00
262/06	2000 ml.	450	1	2550.00
262/07	3000 ml.	450	1	2760.00
262/08	5000 ml.	600	1	3250.00
262/09	10000 ml.	2 x 600	2	5000.00
262/10	20000 ml.	3 x600	3	11000.00
Spares : Energy regulator				350.00
Indicator light				50.00
Three core wire with plug				250.00



263

263 SPARE MANTLE 'LALCO'

Spare Mantle : with coil knitted from fiber glass yarn and easy to fit & replace in heating mantles.

Cat. No.	Capacity	Watts	Price/Pcs.
263/02	100 ml.	100	475.00
263/03	250 ml.	150	500.00
263/04	500 ml.	200	550.00
263/05	1000 ml.	300	600.00
263/06	2000 ml.	450	660.00
263/07	3000 ml.	450	770.00
263/08	5000 ml.	600	940.00
263/09	10000 ml.	2 x 600	1920.00
263/10	20000 ml.	3 x 600	3650.00



265



265 SOXHLET EXTRACTION HEATING (WITHOUT GLASS PARTS) 'LALCO'

Cat. No.	Type	Capacity ml.	Price/Pcs. Set of 3	Price/Pcs. Set of 6
265/01	Mantle	250	6600.00	9600.00
265/02	Mantle	500	7200.00	10500.00
265/03	Mantle	1000	8800.00	13600.00
Glassware : Please refer glassware catalogue no. GW235				

LALCO™ Scientific Instruments

266 KJELDAHL DIGESTION UNIT 'LALCO'

Kjeldahl Digestion Unit : supplied complet with heating shelf & fume duct. the heaters have individual switches with an energy regulator to control the heaters & each draws approx 500 watts. it can accomodate flask of capacity 500 & 800 ml. holes are provided of 4" dia, fume duct is 6" apart to accomodate necks of flask and it is provided with tube at one end to drain condenser acid. a pair of hanger and supports are supplied with each duct but without glass parts.

Cat. No.	Unit of	Regulator	Price/Pcs.
266/02	3 Test	3	11000.00
266/04	6 Test	6	17600.00

Glassware : Please refer glassware catalogue no. GW83 or GW84



266

267 KJELDAHL DISTILLATION UNIT 'LALCO'

Kjeldahl Distillation Unit : electrically operated distillation stand made of m.s. powder coated and 3 or 6 kjeldhal test heaters & condensers manifold fitted on stand but without glass part.

Cat. No.	Unit of	Regulator	Price/Pcs.
267/02	3 Test	3	13500.00
267/04	6 Test	6	19500.00

Glassware : Please refer glassware catalogue no. GW147



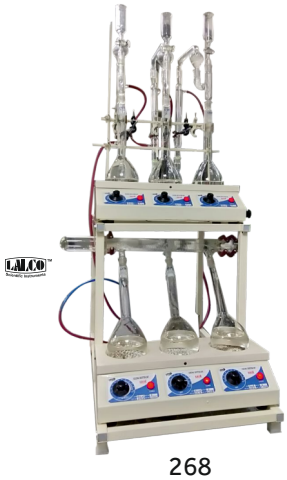
267

268 KJELDAHL DIGESTION & DISTILLATION UNIT COMBINED 'LALCO'

Kjeldahl Digestion & Distillation Unit Combined : one single mild steel tubular stand is provided with heating shelves one above the other on lower portion. a fume duct and heater box are supplied for digestion part. the heaters are individual on/off switches in the upper portion. another heater box with condenser rack rod and tubes are given for distillation part. the whole unit is electrically operated on 220/230 volt A.C., without glass part.

Cat. No.	Unit of	Regulator	Price/Pcs.
268/02	3 Test	3	24200.00
268/04	6 Test	6	37500.00

Glassware : Please refer glassware catalogue no. GW83 or GW84 & GW147



268

269 HOT PLATE ELECTRIC C.I. TOP 8" (ROUND) 'LALCO' 3000.00

Hot Plate Electric (Round) : with three heat control switch round shape. Made of Cast Iron, body is of thick mild steel powder coated, Rating 1Kw. 230Volts AC/DC. Plate in mild steel 8" dia with energy regulator



269

269/A HOT PLATE ELECTRIC S.S. 8" (ROUND) 'LALCO'

Hot Plate Electric (Round) : with energy regulator S. S.

Top S.S.	7200.00
Complete S.S.	8500.00
Optional : Digital PID temperature controller	Net 4000.00



269/A

270 HOT PLATE ELECTRIC (RECTANGULAR) 'LALCO'



270 C.I.

Hot plate Electric (Rectangular) : with temperature controller having temperature range upto 350d c. made of cast iron plate fixed in thick mild steel body powder coated.

Cat. No.	Plate Size	Rating	M.S. Body. C.I. Top	M.S. Body. S.S. Top	S.S. Body. S.S. Top
270/01	10x12"	1Kw	4800.00	8000.00	15000.00
270/02	10x16"	1Kw	6500.00	8800.00	16500.00
270/03	12x18"	2Kw	9200.00	9800.00	18800.00
270/04	18x24"	3Kw	15000.00	18000.00	32000.00
Optional : Digital temp. indicator cum controller					Net 4000.00



270 S.S.

272 HOT AIR OVEN (MEMERT TYPE) 'LALCO'

Hot Air Oven (Memert Type) : this is made of thick mild steel sheet, double walled construction. there is a gap of about 2 ½" between the walls for insulation, filled with best quality glasswool. outside finished in textured siemens grey powder coating. the door is fitted with chromium plated lock hinges. heating elements are connected from three sides of the inner chamber. the temperature is controlled by precision thermostat from room temperature to 250d c. accuracy is about +-1d c. this is suitable for 230volts ac single phase.



272

Cat. No.	Inner Chamber	Size	Watts	Price/Pcs.
272/01	Alluminium	12x12x12"	750	10500.00
272/02	Stainless Steel	12x12x12"	750	12600.00
272/03	Alluminium	14x14x14"	800	14000.00
272/04	Stainless Steel	14x14x14"	800	16000.00
272/08	Stainless Steel	18x18x18"	1500	22000.00
272/09	Stainless Steel	18x18x24"	2000	32000.00
272/10	Stainless Steel	24x24x24"	2500	44000.00
272/11	Stainless Steel	24x24x36"	3000	68000.00
Note : A. Extra Digital PID Controller				Net 4000.00
B. Fan System				Net 3000.00

273 HOT AIR OVEN (MEMERT TYPE) G.M.P. MODEL 'LALCO'



273

Hot Air Oven (Memert Type) G.M.P. Model : provided with 304 grade stainless steel outer body with S.S. inner chamber with digital PID contorller and Fan system.

Cat. No.	Inner Chamber	Size	Watts	Price/Pcs.
273/01	Stainless Steel	12x12x12"	750	42000.00
273/02	Stainless Steel	14x14x14"	800	48000.00
273/03	Stainless Steel	16x16x16"	1000	55000.00
273/04	Stainless Steel	18x18x18"	1500	68000.00
273/05	Stainless Steel	24x24x24"	2500	120000.00
273/06	Stainless Steel	18x18x24"	2000	88000.00
273/07	Stainless Steel	24x24x36"	3000	142000.00

LALCO™ Scientific Instruments

275 B.O.D. INCUBATORS 'LALCO'

B.O.D. Incubators : this is made of thick mild steel sheet, double walled filled with best quality glass wool. out side finished in textured siemens grey, powder coating. double door provided with lock system. the inner chamber is made of stainless steel/alluminium. equipment is fitted with digital pid controller. (stabilizer recommended)

Cat. No.	Size	Price/Pcs. Stainless Steel
275/01	4 Cu. ft. (110 Ltr.)	82000.00
275/02	3 Cu. ft. (90 Ltr.)	79800.00
275/03	6 Cu. ft. (165 Ltr.)	99000.00
275/05	8 Cu. ft. (220 Ltr.)	104000.00
275/07	10 Cu. ft. (280 Ltr.)	123000.00
275/09	12 Cu. ft. (340 Ltr.)	130000.00
275/11	15 Cu. ft. (430 Ltr.)	148000.00
Optional : 1. Timer 0-24 hours day night		2950.00
2. CO2/air mixer nosel		1725.00
3. Internal illumination with 3 flurocent tube		5200.00
4. Provided with PID controller & Rs. port for computer attachment you can control the BOD through computer.		34000.00
5. Automatic voltage stabilizer 3 KVA		13500.00
6. Automatic voltage stabilizer 5 KVA		20500.00



275

276 B.O.D. INCUBATORS G.M.P. MODEL 'LALCO'

B.O.D. Incubators G.M.P. Model : provided with 304 grade stainless steel outer body with S.S. inner chamber with digital PID contorller and fan system. (stabilizer recommended)

Cat. No.	Size	Cat. No.
276/01	4 Cu. ft. (110 Ltr.)	115000.00
276/02	6 Cu. ft. (165 Ltr.)	138000.00
276/03	8 Cu. ft. (220 Ltr.)	150000.00
276/04	10 Cu. ft. (280 Ltr.)	165000.00
276/05	12 Cu. ft. (340 Ltr.)	200000.00
276/06	15 Cu. ft. (430 Ltr.)	225000.00



277

277 DRY BATH INCUBATOR 'LALCO' 16500.00

Dry Bath Incubator : 24 holes for 12 mm tube, ±5°c above ambient to 70°c, temp, sensor PT-100, max. heating power 125w, temp, controller pid, timer 1min. to 99minutes, LCD display for time & temp., anodized aluminium block, 220V AC, available with buzzer alarm and over heat protection

278 INCUBATOR BACTERIOLOGICAL (MEMERT TYPE) 'LALCO'

Incubator Bacteriological (Memert Type) : this is made of thick mild steel sheet, double walled construction. there is gap of about 2" between the walls for insulation, filled with best quality glasswool. outside finished in textured siemens grey finish point. outside finished in textured siemens grey finish powder coated. the door is fitted with chromium plated lock hinges. an inner glass panelled door is also provided. heating elements are connected form three sides of the inner chamber. the temperature is controlled by thermostat from room temperature to abount 80°c. accuracy is about +- 1°c. this is suitable for 230volts AC, single phase. an angular thermometer is fitted above the door on the body of the oven. two pilot lamps and a three heat control switch are provided.



278

Cat. No.	Inner Chamber	Size	Watts	Price/Pcs.
278/01	Alluminium	12x12x12"	250	10500.00
278/02	Stainless Steel	12x12x12"	250	12600.00
278/03	Alluminium	14x14x14"	300	14000.00
278/04	Stainless Steel	14x14x14"	300	16000.00
278/08	Stainless Steel	18x18x18"	500	22000.00
278/10	Stainless Steel	24x24x24"	900	44000.00
Note : A. Extra digital PID controller				Net 4000.00
B. Fan system				Net 3000.00

279 INCUBATOR BACTERIOLOGICAL (MEMERT TYPE) G.M.P. MODEL 'LALCO'

Incubator Bacteriological (Memert Type) : G.M.P. model, provided with 304 grade stainless steel outer body with S.S. inner chamber with digital PID contorller and fan system.



280

Cat. No.	Inner Chamber	Size	Watts	Price/Pcs.
279/01	Stainless Steel	12x12x12"	250	42000.00
279/02	Stainless Steel	14x14x14"	300	48000.00
279/03	Stainless Steel	16x16x16"	400	55000.00
279/04	Stainless Steel	18x18x18"	500	68000.00
279/05	Stainless Steel	24x24x24"	900	120000.00

280 VACUUM OVEN DIGITAL PID CONTROLLER 'LALCO'

Vacuum Oven Digital PID Controller : for determination of dehydration and moisture at reduced pressure and temperature and for evacuation of fumes. the chamber is made of thick stainless steel sheet. outer body is finished with powder coating. the clamped door makes theo ven useful at a low pressure not exceeding 5 lbs per sq. inch. sealing of door is easy. switched and indicating lights are provided at the front of the oven. combined vacuum and pressure gauge is mounted at the top of the oven together with valve. temperature and vacuum is uniform in the chamber. the oven is 12" deep with 12" dia. with an inspection window.

Size	Price/Pcs.
12" x 12" Dia	52000.00
G.M.P Model	85000.00

LALCO™ Scientific Instruments

282 RECTANGULAR MUFFLE FURNACE DIGITAL 'LALCO'

Rectangular Muffle Furnace Digital : the casing made of thick mild steel reinforced with iron angles riveting screw joints and welding wherever necessary and powder coated. heating chamber consisting of rectangular horizontal shape totally enclosed muffle baked at 1500°c. heating elements made of high temperature kanthal wire surrounded into the heating chamber, heat and protects heating elements against damage and chemical deterioration. highly efficient, light weight, insulation is cast permanently into the furnace body. all furnaces are equipped with a dependable indication pyrometer having 3.5" scale calibrated in 20°c increments to 1200°c with mounting bracket attached to the furnace pyrometer equipped with chrome alumel thermocouple. temperature of the furnace with two indicating lights which glow while the furnace is 'ON', work on 220/230 volts AC.

Cat. No.	Muffle Size	Rating	Price/Pcs.(900°C)	Price/Pcs.(1150°C)
282/01	100x100x225mm	1.6 Kw	27000.00	40000.00
282/02	125x125x250mm	2.0 Kw	30000.00	46000.00
282/03	150x150x300mm	3.0 Kw	42000.00	55000.00
282/04	200x300x350mm	3.5 Kw	66000.00	86000.00

Optional : Furnace Tong S.S. refer catalogue no. 112



282

283 ORBITAL SHAKER INCUBATOR 'LALCO'

Orbital Shaker Incubator : the unit is made of m.s. powder coated and inner made of stainless steel. the door provided with glass window, temp, range 5°c above ambient to 60°c in **Heating Model & In Cooling Model** temp, range 10°c to 60°c, cooling by cfc free hermetically sealed compressor, heating by kanthal wire element, illumination light is also provided, flask holder spring type clamp arrangement made of stainless steel, pid controller & digital RPM controller are fitted on the instrument.

Cat. No.	No. Of Flask Size in ml	Heating Price/Pcs.	Cooling Price/Pcs.
283/01	9x250ml	80000.00	106000.00
283/02	16x250ml	86000.00	132000.00
283/03	25x250ml	105000.00	160000.00
283/04	9x500ml	83000.00	112000.00
283/05	16x500ml	98000.00	132000.00
283/06	25x5000ml	127000.00	190000.00



283



284

284 ROTARY FLASK SHAKER DIGITAL WITH RPM MICRO PROCESSOR CONTROLLER 'LALCO'

Rotary Flask Shaker : body made of m.s. powder coated heavy duty for shaking of erlynmyer flask from 50 ml. to 1000 ml capacity, platform is provided with stainless steel clamps to hold flask. D.C. motor drive with continuously variable speed regulator to work on 220/230 volts A.C.

Cat. No.	Holding Capacity	Flask Capacity	Price/Pcs.
284/01	25 Flask	100ml.	48000.00
284/02	16 Flask	250ml.	50000.00
284/03	9 Flask	500ml.	46000.00
284/04	36 Flask	100ml.	58000.00
284/05	25 Flask	250ml.	62000.00
284/06	16 Flask	500ml.	62000.00
284/07	36 Flask	250ml.	72000.00
284/08	25 Flask	500ml.	76000.00
284/09	81 Flask	250ml.	116000.00
284/10	64 Flask	500ml.	132000.00
284/11	49 Flask	1000ml.	136000.00



285

285 SIEVE SHAKER (TABLE TOP) WITH MANUAL TIMER 'LALCO'

Sieve Shaker (Table Top) : Fitted with a FHP motor, it can accommodate six sieves of 8" dia, speed can be regulated through continuously variable speed regulator fitted to the unit to work on 220/230 volt A.C. (without sieves).

Cat. No.	Sieves Dia	Price/Pcs.
285/01	8"	35000.00
Optional : Automatic digital 999 minutes timer		Net 4000.00



286

286 VORTEX SHAKER 'LALCO' 4800.00

Vortex Shaker (Test Tube Shaker) : viabration type, variable speedd, vortex genie short rapid eccntric stroke and motor driven. neoprene cap imparts vigorous agitation to tube or small flask, shaking start when vessel is pressed against, with ON/OFF switch. vacuum rubber fitted at the bottom to prevent movement.



287

287 FLASK SHAKER WRIST ACTION TYPE 'LALCO'

Flask Shaker Wrist Action Type : the machine is made of heavy duty iron & finished with powder coated. efficiently shaking of flask from 100 to 1000ml. conical or R.B. Speed 80-280 Oscillations per minutes. Suitable for dissolving, dispresing, extracting and emulsifying. supplied complete with side arms, clamps & key fitted FHP motor to work on 220/230 volt A.C.

Cat. No.	Flask Clamps	Price/Pcs.
287/01	Side arm fitted with 2 clamps on each arm to accommodate 4 flask	20000.00
287/02	Side arm fitted with 4 clamps on each arm to accommodate 8 flask	23000.00
Optional : Automatic 0-60 minutes manual timer		Net 2500.00

LABORATORY INSTRUMENTS

LALCO™ Scientific Instruments

289 V.D.R.L. SHAKE 'LALCO' — 8000.00

V.D.R.L. Shake : bench top orbital shaker incorporating 30cm x 30cm for flask, beakers, bottles or containers. A timer is fitted to cut OFF automatically. works on 220/230 volts A.C.



289

289/01 V.D.R.L. SHAKE WITH DIGITAL TIMER & RPM 'LALCO' — 15500.00

290 ROTARY MICROTOME 'LALCO' — 44000.00

Rotary Microtme : as per erma japan, complete with razor etc. with box



290

292 WATER STILL S.S. 'LALCO'

Water Still : automatic complete **Stainless Steel** body, electrically operated, fitted with easily replaceable heaters which cuts of automatically if the water is less

Cap./Hr.	Rating K.w	Price/Pcs.
2.0 Ltrs.	1.5 Kw	8000.00
4.0 Ltrs.	4.0 Kw	10000.00



292

295 AUTOCLAVE PORTABLE 'LALCO'

Autoclave Portable : this is suitable for general laboratory & field sterilization of in struments & dressing etc. lid is provided with dial pressure gauge. spring loaded safety valve, dead weight type safety valve & steam release valve. a jointless neoprene gasket is also provided for leak proof sterilization

Size (mm)	Cap. (Ltrs.)	Material	Price/Pcs.
300x300	25	S. Steel	15600.00
300x375	32	S. Steel	17500.00
Optional : 1. Spare Heater			Net 600.00
2. Spare Gasket for 25 Ltrs.			Net 400.00
3. Spare Gasket for 32 Ltrs.			Net 600.00
4. Spare Gauge			Net 800.00
5. Spare Knob			Net 160.00



295

296 AUTOCLAVE VERTICAL 'LALCO'



296

Autoclave Vertical : Electrically heated vertical autoclave is used for sterilization of surgical instruments, dressing material, linen, rubber plastic material by means of saturated steam under pressure of 15 to 20 PSI., Double walled construction which inner chamber is made of Stainless Steel sheet and outer shell is also made of Stainless Steel highly polished, the boiler & other shell is provided with air insulation. Lid is made of brass with stainless steel coating inside & is tightened all around by wing nuts & joint less neoprene gasket Autoclave is fitted with water level arrangement, dial pressure gauge, steam release valve, spring loaded safety valve; which can be set at any selected point from 10 to 20psi ± 3psi.

Size (mm)	Cap. (Ltrs.)	Wing Nut Price	With Redial Locking Price
250x450 (10x18)	22	54000.00	81000.00
300x500 (12x20)	40	61500.00	93000.00
350x550 (14x22)	52	75000.00	106500.00
400x600 (16x24)	80	93500.00	123000.00
450x600 (18x24)	98	105000.00	136500.00
450x750 (18x30)	120	150000.00	182000.00
550x750 (22x30)	152	168000.00	210000.00
550x900 (22x36)	200	198000.00	228000.00
Optional : 1. Automatic pressure controll switch			13000.00
2. PID temp. controller with timer upto 60 min.			10000.00
3. Automatic low water level cut off			10000.00
4. Automatic Purging System			250000.00



297

297 C.O.D. DIGESTION APPARATUS 'LALCO'

C.O.D. Digestion Apparatus : complete with temperature controller arrangement with glass parts.

Cat. No.	No. of Tubes	Price/Pcs.
297/01	6	34000.00
297/02	12	40000.00
297/03	15	48000.00
Note : Extra Glass Tube Set		Net Each 360.00



297/A

297/A C.O.D. BOTTLE STAND & CONDENSER STAND S.S. 'LALCO'

Stand made of S.S. Double Tier

Cat. No.	No. of Tubes	Bottle Stand S.S.	Condenser Stand S.S.
297/A/01	6	750.00	850.00
297/A/02	12	850.00	1250.00
297/A/03	15	950.00	1650.00

LABORATORY INSTRUMENTS

LALCO™ Scientific Instruments

298 ANAEROBIC CULTURE JAR S.S. 'LALCO' 16000.00

Anaerobic Culture Jar S.S. : B.T.L. type - is made of high s.s. with a top flange recessed for a to redial rubber sealing ring a cover held in place by a strong bridge clamp. the jar is supplied w/o semi solid lucas indicator but with pressure cum vacuum gauge

Note : 1. Catalyst in monel sachet	1800.00
2. Rubber sealing ring	150.00
3. Gas packs	300.00



298

300 ABBE REFRACTOMETER 'LALCO' 16000.00

Abbe Refractometer : for accurate measurement of index of refraction of transparentliquids, solids and solutions.for use in sugar, ghee and oil mills pharmaceuticals and chemical laboratories, jam factories and distillaries etc. measuring range 1.3000 to 1.7000. measurement of sugar 0% to 95% complete. designed for the accurate & quick examination of the refractive indices & mean dispersion of liquids. solids & oil

ND Range :	N.D. 1.300 to N.D. 1.7000 in steps of 0.001
Accuracy :	0.0002
Sugar Percentage :	0 to 95% in steps of 1 division
Accuracy	± 0.5%
Temperature	0-50°C



300

302 HAND REFRACTOMETER 'LALCO'

Hand Refractometer : which are manufacturing soft drinks, juices, souces, jams, honey, and so many other products? these refractometer equipped with short wave filter which differentiate demarcation line for accurate reading, instrument workable on day light.

Cat. No.	Range	Price/Pcs.
302/01	0-32%	3500.00
302/02	28-62%	3600.00
302/03	58-92%	4000.00



302

305 STUDENT POLARIMETER 'LALCO' 6600.00

Student Polarimeter : (Half Shade) analyser brass scale graduated from 0-360 deg. or 0-180 deg. with vernier reading 6" and accomodates a 200 mm glass tube. it is packed in a card board box.



305

307 STUDENT POLARIMETER (BI-QUARTZ) 'LALCO' 11000.00

310 RESEARCH POLARIMETER (220 MM) 'LALCO' 42000.00

Research Polarimeter : (220 mm) used in medical, pharmaceutical and chemical research laboratories. consist of a imported half shade nicol polariser, analyser, 100mm. diameter circular scale divided in degrees 0-360 deg. x 1 deg. and a sugar scale divided -30 deg. to +130 deg. x 1 deg. iss, a divided micrometer drum is given to read 0.05 deg. (3 minutes) and 0.1deg. iss, the scale is properly illuminated for taking readings, the body is very sturdy and separate sodium lamp is stand is provided. complete with polarimeter tube, bubble traps at the center, 200mm. sodium lamp with stand and transformer



310 - 311



312

311 RESEARCH POLARIMETER (400 MM) 'LALCO' 60000.00

Same as model no. 310, but tube length 400mm

312 BYTRO REFRACTOMETER 'LALCO' 15600.00

Bytro Refractometer : it can be used for measurement of fats in ghee and other such product giving a reading directaly in terms of oil scale also known as bytro scale. the instrument is provided with test liquied for checking and resetting the scale if necessory and is encased in a portable wooden box. refraction range of 1.42 to 1.49 with an accuracy of 0.0002 as tables are supplied with sugar and oil scale, sugar scale 50-80% and oil scale 0-100%. the instrument to be used with white light.



313

313 INFRARED MOISTURE BALANCE (I.R.) 'LALCO'

Infrared Moisture Balance : is used for moisture contant of material that do not change there chemical structure while losing water under exposer to infrared radiation. the balance scale is devided directaly in moisture percentage from 0-100% in 0.2% division. a thermometer is provided for estimating the temperature of the drying chamber.

Capacity	5gm	10gm
Price/Pcs.	32500.00	36500.00



314 - 315

314 FLOCCULATOR ALUM JAR TEST APP SET OF 6 'LALCO' 28000.00

Flocculator Alum Jar Test App : designed for floculator formation tests in water treatment plant with variable speed from 10-100 rpm with fhp geared motor. special light arrangement at bottom, cap. 6 stirrer of 1 ltrs. non digital

314/01	Jar Test Apparatus Set of 4	22000.00

315 FLOCCULATOR ALUM JAR TEST APP SET OF 6 (DIGITAL) 'LALCO' 40000.00

315/01	Jar Test Apparatus Set of 4 Digital	32000.00

316 DIGITAL DISSOLUTION RATE TEST APPARATUS 'LALCO'

Digital Dissolution Rate Test Apparatus : (as per ip/bp/usp standards) the apparatus is suitable for testing dissolution rate of tablets & capsuls. it consists of male tranparent acrylic tank, innersion type heater, drain cock & transparent hemispherical unbreakable vessel. the base unit is made of M.S. powder coated with digital RPM indicator, motorized lifting facility of the stirrer. the digital temp, controller is normelly set 37°c with digital display & it can be adjusted for other setting with an accuracy of ±0.5°c, speed range 20 to 160 RPM, display 3 digits, accuracy ±0.5 RPM, timer 1 to 999 minutes.



316

Cat. No.	Unit	Price/Pcs.
316/01	Double Test	88000.00
316/02	Four Test	120000.00
316/03	Six Test	260000.00
Optional : Spare vessel unbreakable		3600.00

LABORATORY INSTRUMENTS

LALCO™ Scientific Instruments

317 TABLET FRIABLITY TEST APPARATUS 'LALCO'

Tablet Friability Test Apparatus : the apparatus is designed to determind the abrasion rate & impact hardness of tablets. one/two acrylic drums rotated by constant speed motor, mounted on M.S. powder coated cabinet.

Cat. No.	Test	Type	Price/Pcs.
317/01	Single	Non Digital	16000.00
317/02	Double	Non Digital	19500.00
317/03	Single	Digital RPM & Timer	22000.00
317/04	Double	Digital RPM & Timer	27600.00



317

318 LEAK TEST APPARATUS WITH MANUAL TIMER 'LALCO' 32000.00

Leak Test Apparatus : the unit is suitable for leakage test in medicine strips in sachet of tablets, capsules or powders, the unit is made of 304 grade stainless steel with vacuum dessicator oil free vacuum pump, vacuum guage with stopcock & timer switch.

Optional : Digital Timer	Net 3500.00



318

319 ANTIBIOTIC ZONE READER 'LALCO' 44000.00

Antibiotic Zone Reader : the unit is measuring the dia meter of finished zone in a petri dish, for determining the streangth of antibiotic material. this unit measures the dia meters of the inhibited zone within range of 0-35mm with an accuracy of 0.2mm. the light from the inside source of the base passes up through the transparent & semitransparent of the agar then to a glass prism mounted at the magnified image of zone of inhibitions is clearly visible on the prism.



319

321 ORGAN BATH (SINGLE) 'LALCO' 5600.00

Cat. No.	Test	Price/Pcs.
321/01	Organ Bath Double	10500.00
321/02	Organ Bath Four	13500.00



321

322 PRESLEY SMITH PERIMETER 'LALCO' 18000.00

323 SPIROMETER 'LALCO' 13800.00



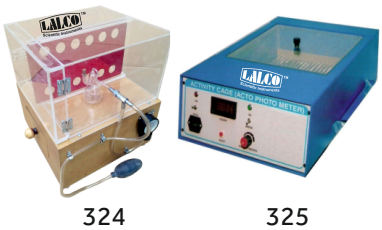
322 323

324 HISTAMINE CHAMBER 'LALCO' 8100.00

Histamine Chamber : aerosole made of acrylic sheet, with glass nebulizer, dial type sphygmometer, rubber bellow for constant pressure with y tube & rubber tube

325 ACTIVITY CAGE ACTOPHOTOMETER 'LALCO' 17500.00

Activity Cage Actophotometer : the chamber for the animal is made out of clear perspex sheet fitted with girll of nickle plated rods placed 3/16" apart. a variable shock of strength 100v, 50ma is provided. which is built in the instruments. also a four digital counter is provided which counts the movement of the animal, inside the perspex chamber. the counter is provided with a reset switch.



324 325

LALCO™ Scientific Instruments

LABORATORY / ANALYTICAL INSTRUMENTS



355

355 HUMIDITY CABINET (HUMIDITY CONTROLL OVEN) DIGITAL 'LALCO'

Humidity Cabinet (Humidity Controll Oven) : temp. range ambient temp, to 60°c temp, controlled by a thermostat with an accuracy of ±1°c with built in horizontal 'I' shape thermometer. the humidity is controlled by humidistat from atmospheric humidity to 95% with a sensitivity of ±3%. double walled outer made of M.S. powder coated & inner made of satinless steel. the door has glass window, works on 220/230 volts A.C. inside water tank is made of stainless steel.

Cat. No.	Size in mm (w x d x h)	Tray	Price/Pcs.
355/01	455x455x455	95 Ltrs.	78000.00
355/02	455x455x710	147 Ltrs.	98000.00
355/03	605x605x605	225 Ltrs.	110000.00
355/04	605x605x910	335 Ltrs.	119600.00
Optional : 1. Automatic voltage stabilizer 3 kva (recomanded)			13500.00



356

356 STABILITY / HUMIDITY ENVIRONMENTAL CHAMBER FULLY DIGITAL 'LALCO'

Environmental Chamber Humidity Cabinet : (stability chamber) low temp, control & humidity. the inner working chamber is made of stainless steel and outer made of m.s. powder coated. the temp, can be controlled from5°c to 50°c ± 2°c & humidity from 30% to 95% ± 5% rh temp, below ambient is controlled by hermetically sealed compressure complete with accessories provided below the unit. two stainless- steel water reservoirsheated by immersion heaters are provided to creat humidity. complete with controlled switches & indicators.

Cat. No.	Size in mm (w x d x h)	Tray	Price/Pcs.
356/01	455x455x455	95 Ltrs.	136000.00
356/02	455x455x710	147 Ltrs.	143000.00
356/03	605x605x605	225 Ltrs.	160000.00
356/04	605x605x910	335 Ltrs.	172200.00
Optional : 1. 21 CFR BASED			Net 75000.00
2. Automatic voltage stabilizer 3 kva (recomanded)			13500.00

DIGITAL pH METERS



501 - 502

501 AUTO DELUXE pH METER 'LALCO' 13800.00

Auto Deluxe pH Meter : with automatic temperature compensation, combination ph electrode and RTD probe. 3½ digit LED display. useful for ph and redox potential measurement. Range 0.00 to 14.00. Touch Button Calibrations. (table model).

502 AUTO DIGITAL pH METER 'LALCO' 11800.00

Digital pH Meter : with manual temperature compensation and combination ph electrode, 3½ digit LED display. useful for ph and redox potential measurement, Range 0.00 to 14.00. Touch Button Calibrations. (table model).

Accessories for digital pH meter	Price
(a) pH combination electrode (0-14 pH)	2200.00
(b) Electrode stand	2200.00
(c) Temperature probe	1400.00

ANALYTICAL INSTRUMENTS

LALCO™ Scientific Instruments

503 MICROPROCESSOR BASED pH / TEMPERATURE / MV METER 'LALCO' — 25500.00

Microprocessor Based pH/Temperature/mv Meter : with 16x2 alpha numeric LCD display having auto temperature compensation, auto buffer recognition alongwith accessories. it's features include 5 point calibration. data storage facility up to 1000 samples, complete with pH electrode, temperature probe, electrode stand, dust cover & instruction manual.



503

PHOTO COLORIMETERS

507 DELUXE PHOTO COLORIMETER 'LALCO' — 13800.00

Deluxe Photo Colorimeter : 8 filters mains cum battery operated with inbuilt rechargeable battery. optical density in 2½ digit LED display, 1 ml solution measurement.

509 AUTO PHOTO COLORIMETER 'LALCO' — 13800.00

Auto Photo Colorimeter : 8 filters with facility for automatic zero setting with finger touch 2½ digit LED display, highly accurate & compact.

Accessories for photo colorimeters	Price
(a) Standard glass filter (each colour)	Net 460.00
(b) Selenium photo cell	Net 2600.00
(c) Test tube (set of 3)	Net 460.00



507 - 509

510 DIGITAL FULLY AUTOMATIC COLORIMETER 'LALCO' — 15500.00

Fully Automatic with 9 digital filters with facility for automatic zero setting with finger touch, digital wavelength selection. inbuilt 6V Ni-Cd Re-Chargeable Battery. 1ml. solution measurement, Range 400 to 700nm, highly accurate & compact model.

511 MICROPROCESSOR PHOTO COLORIMETER 'LALCO' — 19000.00

Microprocessor 8 fitters with facility for direct measurement of results in conc. %T & O.D. memory for storage of 3 standards to to avoid frequent use of standards. automatic zero setting facility. 1ml. solution measurement.



510

TDS / CONDUCTIVITY METERS

514 AUTO DIGITAL CONDUCTIVITY METER 'LALCO' — 13800.00

Auto Digital Conductivity Meter : 3½ digit LED display with facility for temperature compensation & digital cell constant adjustment alongwith conductivity cell & other accessories (table model).

Accessories for conductivity meters	Price
(a) Conductivity cell (cell constant 1.0)	Net 2200.00
(b) Conductivity cell (cell constant 0.5)	Net 2800.00



511

515 DIGITAL TDS / CONDUCTIVITY METER 'LALCO' — 15500.00

TDS/Conductivity Meter 3½ digit LED display with facility for temperature compensation & digital cell constant adjustment along with conductivity cell.

516 AUTO DIGITAL TDS METER 'LALCO' — 14500.00

Auto Digital TDS Meter : 31/2 digit LED display with facility for temperature compensation and digital cell constant adjust ment alongwith tds cell & other accessories (table model).



514 - 515 - 516

LALCO™
Scientific Instruments

ANALYTICAL INSTRUMENTS



517

517 MICROPROCESSOR CONDUCTIVITY / TDS 'LALCO' 32500.00

Microprocessor Based Conductivity/TDS/Salinity/Temp. Meter : with 16x2 alpha numeric LCD display showing conductivity TDS & temperature. features include auto ranging, selectable reference temp. data storage facility upto 1000 samples.

DISSOLVED OXYGEN METERS



518 - 520

518 DIGITAL DISSOLVED OXYGEN METER 'LALCO' 14500.00

Digital Dissolved Oxygen Meter : 3½ digit LED display with gold / silver probe. (table model)

519 DIGITAL DISSOLVED OXYGEN METER (PORTABLE) 'LALCO' 9500.00

Digital Dissolved Oxygen Meter : 3½ digit LCD display PORTABLE MODEL Battery Operated, ABS Plastic Body.



519

520 DIGITAL DISSOLVED OXYGEN METER 'LALCO' 22000.00

Digital Dissolved Oxygen Meter Cum Temperature Meter : along with gold/ silver D.O. probe and RTD temp, probe (table model)

Accessories for dissolved oxygen meters	Price
(a) Dissolved oxygen probe	Net 2200.00
(b) A set of 20 DO membranes	Net 800.00



521

521 MICROPROCESSOR BASED D.O. METER 'LALCO' 29500.00

Microprocessor Based D.O. Meter : with 16x2 alpha numeric LCD display, simultaneous display of D.O. & temperature. data storage facility upto 700 samples.

WATER / SOIL TESTING KITS



522 - 523

522 DELUXE WATER & SOIL ANALYSIS KIT 'LALCO' 40000.00

Digital Water & Soil Analysis Kit : 31/2 digit LCD display covering 7 parameters : pH, conductivity, TDS, turbidity, D.O, salinity and temperature. rechargable battery complete with accessories, fitted in briefcase.

523 DIGITAL WATER & SOIL ANALYSIS KIT 'LALCO' 32000.00

Water & Soil Analysis Kit : (without D.O.) 31/2 digit LCD display covering 6 parameters : pH, conductivity, TDS, ORP, D.O. temperature, battery cum operated, complete with accessories, fitted in briefcase.



524

524 MICROPROCESSOR WATER & SOIL ANALYSIS KIT 'LALCO' 29000.00

Microprocessor Water & Soil Analysis Kit (7 parameters) for measurement pH. Conductivity, mv, TDS Salinity. D.O. & temperature, 16x2 Alphanumeric LCD Display, Battery cum mains operated with all accessories fitted in an briefcase. Data storage facility up to 1000 samples and external printer attachment facility available Computer interface through USB.

ANALYTICAL INSTRUMENTS

LALCO™ Scientific Instruments

SPECTROPHOTO METERS

525 SINGLE BEAM UV-VIS SPECTROPHOTOMETER 'LALCO' 230000.00

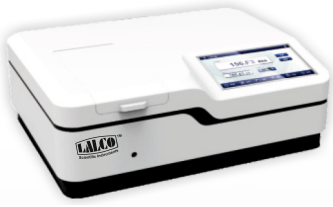
Single Beam UV-VIS Spectrophotometer : range 195 to 1000nm with facility for automatic concentration, % transmission and absorbance and k factor measurements. manual wavelength calibration and selection. sample holder with 4 position selector controll for 10mm path length cuvettes. interface (rs 232). set of 2 quartz and 4 glass cuvettes is provided, software included.



525

526 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER 'LALCO' 380000.00

Double Beam UV-VIS SPECTROPHOTOMETER : range 190 to 1100nm, fully automatic operations, automatic wavelength calibration and wavelength scan, automatic peak picking and spectrum display. large screen with graphicdisplay. spectrum data sent to computer via USB port, software included.



526

527 DIGITAL SPECTROPHOTOMETER 'LALCO' 40000.00

Digital Spectrophotometer : range 340-960 nm with facility for automatic concentration, % transmission and absorbance measurements. wavelength resolution 1nm, 3½ digit LED display with a set of 2 cuvettes.

Accessories for spectrophotometer	Price
(a) Set of 2 cuvettes 10mm glass	4000.00
(b) Set of 2 cuvettes 10mm QUARTZ	5500.00
(c) Spare lamp 6v, 10w/	2200.00



527

SALINITY METERS

534 DIGITAL SALINITY METER 'LALCO' 13800.00

Digital Salinity Meter : 3½ digital LED display with salinity cell & other accessories. (table model)

Accessories for TDS / salinity meters	Price
(a) TDS cell (cell constant 1.0)	3000.00
(b) TDS cell (cell constant 0.5)	5000.00



534

COLONY COUNTERS

537 DIGITAL COLONY COUNTERS 'LALCO' 10500.00

Digital Colony Counter : 4 digit LED display range 0-9999, with 150 memory hold & count correction facility, data, restored even after power failure

Accessories for colony counters	Price
(a) Spare pen for colony counter	1000.00
(b) Lens stand	1600.00



537

LALCO™
Scientific Instruments

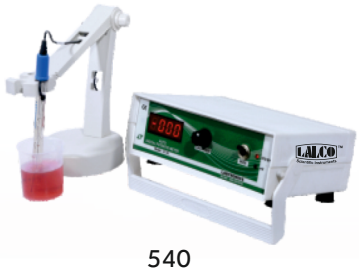
ANALYTICAL INSTRUMENTS



538



539



540



541 - 542



543 - 544

TITRIMETERS

538 AUTO KARL FISHERS TITRIMETER 'LALCO' 38500.00

Auto Karl Fisher Titrimeter having array of LED's provided with inbuilt stirrer, auto zero burette, adjustable timer, dual plati num electrode & othe accessories.

Accessories for titrimeter	Price
(a) Dual platinum electrode	10000.00
(b) Burette clear glass (10ml.)	5000.00

539 MICROPROCESSOR K.F. TITRATOR (GRAPHICAL DISPLAY) 'LALCO' 125000.00

Microprocessor K.F. Titrator : with built-in magnetic stirrer, Auto computation of moisture in ppm, % age and mg H2 0., Simultaneous display of results in all three units, 1000 sample storage facility with batch no., Final result are flashed on 128*64 premium graphical LCD. Icon based Menu for easy navigation. K.F. reagent dispensing by motor.

POTENTIOMETERS

540 DIGITAL POTENTIOMETER 'LALCO' 13200.00

Digital Potentiometer : for redox potential measurement display 3½ digit LED, range 0 to ± 1999 mv, resolution 1 mv, accuracy ± 0.1%, power supply 230 v ± 10% AC supplied with O.R.P electrode stand & dust cover

Accessories for potentiometers	Price
(a) pH combination electrode	2200.00
(b) Platinum electrode	2800.00
(c) Silver electrode	2800.00
(d) Reference electrode	2000.00

FLAME PHOTOMETERS

541 DIGITAL FLAME PHOTOMETER SINGLE CHENNEL 'LALCO' 52000.00

Digital Flame Photometer Single Chennel : with filter (Na & K) 3vi digit LED display (PPM) along with compressor and other accessories. auto ignition, Ca & Li filter can be provided on request at extra cost.

542 DIGITAL CLINICAL FLAME PHOTOMETER 'LALCO' 60000.00

Digital Clinical Flame Photometer : dual-channel single Aspiration, with filter (Na & K) for medical use. Final Result in ppm/L 2½ digit dual LED display for simultaneous Results alongwith compres sor & accessories, auto ignition. Ca & Li filter can be provided on request at extra cost.

TURBIDITY METER / NEPHELOMETER

543 DIGITAL TURBIDITY METER 'LALCO' 16500.00

Digital Turbidity Meter : 3½ digit LED display. range up to 1000 NTU/JTU in 2 ranges

544 DIGITAL NEPHELOMETER 'LALCO' 15500.00

Digital Nephelometer : 3½ digit LED display. range up to 200 NTU

LALCO™ Scientific Instruments

PHOTO FLUOROMETER

545 DIGITAL PHOTO FLUOROMETER 'LALCO' 90000.00

Flourometer : measures fluorophors like vitamins, quinine & metals. supplied with 2 primary and 3 secondary filters mounted on holders. results are displayed on 3 digits 7 segment LED. sensitivity in 4 ranges.



545

550 DIGITAL VISCOMETER 'LALCO' 200000.00

Digital Viscometer : it is used of measurement of viscosity of various kinds of fluids such as grease, paints, food, medicine, adhesive and cosmetic etc. it can also be used for liquids. LCD display measurement range is 20 to 2,000,000m.pas with 4 spindles. rotor speed RPM-0.3, 0.6, 1.5, 3, 6, 12, 30, 60. no. of standard spindles #1,#2,#3,#4 is standard configuration, (#0 is for option), measurement accuracy ±1.0% of range, repeatability ±0.5% with temperature RTD monitoring sensor probe, output RS 232 interface, power supply ac 220v/50hz



550

555 FUMIGATOR / HUMIDIFIER (S.S. BODY 5 LTRS.) 'LALCO' 24000.00

Aerosol disinfector (S.S. Body) : it instantly converts liquid formalin/disinfecting liquid, into the true aerosol particles. due to high aerodynamic stability the formalin droplets remain suspended for longer duration & thus ensure 100% sterile germ free & zero bacteria environment. a single unit can sterlize 250cu. meters. (9000 cu.ft) in just 30-60 minuts. to work on 220/230 volts A.C.

Optional : Automatic timer 0-120 minuts	**Net 3600.00**



555

558 DE-HUMIDIFIER 'LALCO' 140000.00

De-Humidifier : these are water condensing type based on "refrigeration cycle" to avoid use of expensive chemicals required for desiccant type models. the unit is self standing and is mounte on a sturdy angle iron frame. fitted with castor wheels. it remove excess moisture from the atmosphere & is fitted with hermetically sealed comprssor. heat exchanger and water condensing coils are made of copper. water collection tank is provided below the unit to collect condensate water. humidity is controlled by humidity controllor incorporated in the unit, upto 30% ± 3% rh, depending upon the ambient conditions. to achieve very low humidity. the room should have a independent window type air conditioner to much with the de-humidifier heat load in the room. works on 220/230 volt A.C. capacity 1.5 tons.

Cat. No.	Specification	Price
558/1	**De-humidifier :** specification as per cat. no. 558 but fitted with digital humidity indicator cum controllor in lieu of analog controllor	160000.00
558/2	**De-humidifier :** specification as per cat. no. 558 but outer & inner made of stainless steel (gmp model) fitted with digital humidity indicator cum controllor in lieu of analog controllor	288000.00
Optional : Automatic voltage stabilizer (recomended)		13500.00



558

565 AIR CURTAINS 'LALCO'

Cat. No.	Door Width	Price/Pcs.
565/01	3 Foot	28000.00
565/02	4 Foot	30000.00
565/03	5 Foot	44000.00



565

SILICON & RUBBERWARE



595

595	SILICON FLASK STAND 'LALCO'	3600.00
596	SILICON POLICEMAN 'LALCO'	130.00
597	SILICON SPREADER 'LALCO'	130.00
598	SILICON WASHER FOR BURETTE 'LALCO'	10.00

600 SILICON RUBBER TUBING 'LALCO'

Cat. No.	Inner Dia ± 0.5 mm	Wall ± 0.5 mm	Outer Dia ± 0.5 mm	Price Per Mtr. in Rs.
600/01	1	1	3	84.00
600/02	2	1	4	105.00
600/03	3	1	5	112.00
600/04	3	1.5	6	180.00
600/05	4	1	6	180.00
600/06	4	1.5	7	210.00
600/07	4	2	8	300.00
600/08	5	1	7	210.00
600/09	5	1.5	8	280.00
600/10	6	1	8	280.00
600/11	6	1.5	9	330.00
600/12	6	2	10	430.00
600/13	6	3	12	660.00
600/14	7	1.5	10	375.00
600/15	7	2	11	450.00
600/16	7	3.5	14	750.00
600/17	8	1.5	11	410.00
600/18	8	2	12	480.00
600/19	8	3	14	705.00
600/20	9	2	13	585.00
600/21	10	2	14	660.00
600/22	10	3	16	1000.00
600/23	12	2	16	705.00
600/24	12	3.5	19	1250.00
600/25	14	3	20	1335.00
600/26	15	4	23	1950.00
600/27	16	3	22	1635.00
600/28	25	3	31	2500.00



600

*Available in 10 meter coils.

LABORATORY RUBBERWARE

LALCO™ Scientific Instruments

601 SILICONE PLATINUM CURED TUBING 'LALCO'

Cat. No.	Inner Dia ± 0.5 mm	Wall ± 0.5 mm	Outer Dia ± 0.5 mm	Price/Per Meter
601/01	3	1.5	6	225.00
601/02	4	1.5	7	285.00
601/03	5	1.5	8	360.00
601/04	6	1.5	9	450.00
601/05	6	2	10	500.00
601/06	7	1.5	10	480.00
601/07	7	2	11	600.00
601/08	8	1.5	11	525.00
601/09	8	2	12	600.00
601/10	9	2	13	750.00
601/11	10	2	14	855.00
601/12	12	2	16	975.00

*Available in 10 meter coils.



601

602 PRESSURE TUBING GREEN 'LALCO'

Cat. No.	Inner Dia ± 0.5 mm	Wall ± 0.5 mm	Outer Dia ± 0.5 mm	Price Per Mtr. in Rs.
602/01	6.4	3.2	12.8	190.00



602

603 SILICON RUBBER CORKS 'LALCO'

Cat. No.	No.	Bottom ± 0.5 mm	Top ± 0.5 mm	Height ± 0.5 mm	Price/Pcs.
603/01	5	5	7	16	24.00
603/02	6	6	8	16	26.00
603/03	8	8	10.5	20	26.00
603/04	9	9	11.5	20	27.00
603/05	11	11	14	24	42.00
603/06	13	13	16	24	54.00
603/07	15	15	28	24	70.00
603/08	17	17	20	26	84.00
603/09	18	18	21	26	96.00
603/10	19	19	22.5	28	110.00
603/11	21	21	24.5	28	135.00
603/12	23	23	25.5	28	162.00
603/13	25	25	28.5	28	192.00
603/14	27	27	31	32	225.00
603/15	29	29	33	32	292.00
603/16	31	31	36	35	375.00
603/17	33	33	38.5	38.5	480.00
603/18	35	35	40.5	38.5	555.00
603/19	37	37	42.5	38.5	630.00
603/20	39	39	44.5	38.5	690.00
603/21	41	41	47	42	735.00
603/22	43	43	49	42	750.00
603/23	45	45	51	42	825.00
603/24	49	49	55	52	1050.00



603

LABORATORY RUBBERWARE

604 LABORATORY RUBBER TUBING 'LALCO'



604

Cat. No.	Bore ± 0.5 mm	Wall ± 0.5 mm	Extrasoft Per 10 Mtr. In Rs.
604/01	4	1	330.00
604/02	5	1.5	400.00
604/03	6	1.5	510.00
604/04	7	1.5	600.00
604/05	8	1.5	680.00
604/06	9	2	820.00
604/07	10	2	1000.00
604/08	12	2	1120.00

605 RUBBER SEPTA WITH TURN OVER FLANGE (PLAIN/SERRATED) 'LALCO'



605

Cat. No.	Size	Price/Pcs. (Natural Rubber)	Price/Pcs. (Silicon Rubber)
605/01	12mm	26.00	60.00
605/02	15mm	32.00	82.00
605/03	18mm	44.00	110.00
605/04	25mm	54.00	140.00
605/05	B14	46.00	110.00
605/06	B19	60.00	165.00
605/07	B24	68.00	192.00
605/08	B29	92.00	290.00

606 ORDINARY PRESSURE RUBBER TUBING 'LALCO'



606

Cat. No.	Bore ± 0.5 mm	Wall ± 0.5 mm	Price/Pcs. 10 Mtr. in Rs.
606/01	3	3	600.00
606/02	5	3	710.00
606/03	6	3	880.00
606/04	8	3	1050.00
606/05	9	3	1180.00
606/06	10	4	1650.00
606/07	12	4	2480.00

607 LABORATORY HIGH PRESSURE RUBBER TUBING 'LALCO'



607

Cat. No.	Bore ± 0.5 mm	Wall ± 0.5 mm	Price/Pcs. 10 Mtr. in Rs.
607/01	3	5	950.00
607/02	5	5	1100.00
607/03	6	5	1280.00
607/04	8	5	1580.00
607/05	9	5	1750.00
607/06	10	6	2700.00
607/07	12	6	2850.00

LABORATORY RUBBERWARE

LALCO™ Scientific Instruments

608 LABORATORY RUBBER CORKS 'LALCO'

Cat. No.	No.	Bottom ± 0.5 mm	Top ± 0.5 mm	Height ± 0.5 mm	Price Per 100 Pcs.
608/01	000	6	9	16	300.00
608/02	00	8	10.5	20	310.00
608/03	0	9	13	15.5	330.00
608/04	1	11	14	18.5	405.00
608/05	2	13	16	20	480.00
608/06	3	14	19	21	600.00
608/07	4	15	21	22	670.00
608/08	5	17.5	22.5	23	750.00
608/09	6	20	24.5	24	1050.00
608/10	7	20	26	27.5	1190.00
608/11	8	21	26.5	27.5	1360.00
608/12	9	21.5	28	31	1720.00
608/13	10	26	30	33	2100.00
608/14	11	29	33	32	2400.00
608/15	12	30	34.5	34.5	2680.00
608/16	13	31	383.5	37	3740.00
608/17	14	32	41.5	42.5	4150.00
608/18	15	38	42	40.5	5500.00
608/19	16	35	45	36.5	5600.00
608/20	17	40	49.5	40.5	6590.00
608/21	18	48	43.5	33.5	7800.00
608/22	19	44	58	45	9140.00
608/23	20	51	60	56.5	13000.00
608/24	21	47	62	40	17340.00
608/25	22	51	65	40	19000.00
608/26	23	68	74	42	21000.00

One Hole Rs. 1.00 & Two Hole Rs. 2.00 Extra Charges (non Discount)



608

609 BLOOD PRESSURE TUBE GREEN SUPERIOR 'LALCO'

Cat. No.	Inner Dia ± 0.5 mm	Wall ± 0.5 mm	Outer Dia ± 0.5 mm	Price/Pcs.
609/01	3	2.5	8	120.00



610

610 RUBBER CONE FOR FILTRATION FLASK 'LALCO'

Cat. No.	Size	Price/Pcs. (Natural Rubber)	Price/Pcs. (Silicon Rubber)
610/01	250 / 500 ml	110.00	555.00
610/02	1000 / 2000 ml	180.00	1005.00
610/03	5 Ltr.	230.00	1260.00
610/04	10 Ltr.	450.00	1710.00



611

611 RUBBER CONE (GUKO) (SET OF 7PC) 'LALCO'

Cat. No.	Rubber Type	Price/Pcs.
611/01	Natural Rubber	400.00
611/02	Silicon Rubber	1640.00

LALCO™ Scientific Instruments

LABORATORY RUBBERWARE



612

612 RUBBER BULBS 'LALCO'

Cat. No.	Size (Approx Capacity)	Price/Pcs. (Natural Rubber)	Price/Pcs. (Silicon Rubber)
612/01	Small (5ml)	27.00	85.00
612/02	Medium (10)	30.00	116.00
612/03	Large (15ml)	37.00	140.00
612/04	Extra Large (20ml)	40.00	165.00
612/05	Oval (25ml)	67.00	300.00
612/06	Super Large (50ml)	110.00	600.00
612/07	Extra Super Large (100ml)	200.00	776.00

Rubber Bellow with Cotton Net Rs. 250.00 Per Pc in Rs.



613

613 RUBBER TEATS 'LALCO'

Cat. No.	Size (Approx Capacity)	Rubber Type	Price Per 100 Pcs.
613/01	1ml (Conical)	Natural Rubber	700.00
613/02	2ml (Conical)	Natural Rubber	2000.00
613/03	1ml (Conical)	Silicon Rubber	3000.00
613/04	2ml (Conical)	Silicon Rubber	4000.00
613/05	Small	Latex Rubber	1090.00
613/06	Big	Latex Rubber	1750.00



614



615

614 ATOMIZER BULB 'LALCO'

Cat. No.	Size	Price/Pcs.
614/01	Small	120.00
614/02	Big	170.00



616

615 PIPETTE FILLER 'LALCO'

Cat. No.	Rubber Type	Price/Pcs.
615/01	Natural Rubber	150.00
615/02	Silicon Rubber	430.00



617

616 SILICONE CORK FOR FILTRATION APPARATUS 'LALCO'

Cat. No.	Size	Price/Pcs.
616/01	Small	225.00
616/02	Big	330.00

617 VACUUM TUBE 'LALCO'

Cat. No.	Size	Price/Pcs.
617/01	6mm	1200.00
617/02	8mm	1370.00



618

618 LAB RUBBER SHEET 'LALCO'

Cat. No.	Rubber Type	Price/Pcs.
618/01	Natural Rubber 9.5"x9.5"x2.7mm	220.00
618/02	Silicon Rubber 9.5"x9.5"x2.7mm	1870.00

LABORATORY RUBBERWARE

LALCO™ Scientific Instruments

619 LAB RUBBER MAT 'LALCO'

Cat. No.	Rubber Type	Price/Pcs.
619/01	Natural Rubber 12"x12"	2850.00
619/02	Silicon Rubber 12"x12"	6750.00



619

621 CRUCIBLE CONES 'LALCO'

Cat. No.	Size	Price/Pcs.
621/01	30ml	34.00
621/02	50ml	50.00



621

622 SILICONE RIDER FOR VOLUMETRIC FLASK 'LALCO'

Cat. No.	Size	Capacity	Price/Pcs.
622/01	1	5ml to 25ml	50.00
622/02	2	50ml	65.00
622/03	3	100ml to 250ml	120.00
622/04	4	500ml	300.00
622/05	5	1 Ltr.	480.00



622

623 RUBBER BASE FOR RBF FLASK 'LALCO'

Cat. No.	Capacity	Price/Pcs. (Natural Rubber)	Price/Pcs. (Silicon Rubber)
623/01	25ml	60.00	225.00
623/02	50ml	80.00	255.00
623/03	100ml	120.00	360.00
623/04	250ml	174.00	540.00
623/05	500ml	350.00	1005.00
623/06	1 Ltr.	735.00	2100.00
623/07	2 Ltr.	1280.00	4500.00



623

624 SILICONE WEIGHT RINGS 'LALCO'

Cat. No.	Size	Price/Pcs.
624/01	Small	1000.00
624/02	Big	1300.00



624

625 LATEX BLADDER FOR GAS SAMPLING 'LALCO'

Cat. No.	Size	Price/Pcs.
625/01	No. 4	235.00
625/02	No. 5	250.00
625/03	No. 6	320.00
625/04	Double Nozzle	280.00



625

LALCO™ Scientific Instruments

MICROSCOPES / ENVIRONMENTAL



650



652



653



655



656



657



658



660



701

650 MICROSCOPES 'LALCO'

Cat. No.	Specification	Price
650	**Student Microscope :** with two eye piece 10x,15x, & two objectives 10x, 45x with fixed condenser	4000.00
651	**Juinor Medical Microscope :** with moveable condenser with two eye piece 10x,15x, & two objectives 10x, 45x	4400.00
652	**Medical Microscope :** with two eye piece 10x, 15x & three objective 10x, 45x, 100x Oil immersion with mechanical stage	8000.00
653	**Binocular Microscope :** with two paired eye piece with four objective 4x, 10x, 45x, 100x Oil immersion with mechanical stage with halogen lamp	14500.00
654	**Stereo Microscope :** with two objective 2x, 4x with two eye piece 10x, 15x	12000.00
655	**Dissecting Microscope**	1800.00
656	**Projection Microscope :** with 6" dome in wooden box	12500.00
657	**Microscope Eye Piece :** 10x or 15x	275.00
658	**Microscope Objective** — 10x 460.00 / 45x 600.00 / 100x 1400.00	
659	**Microscope Reflector :** (Mirror) with ARC	120.00
660	**Travelling Microscope :** with horizontal scale 17cms & vertical 15cms S.S. scale & vernier reading 0.01mm with objectives & 10x eye piece packed in wooden case	12000.00

LAMINAR AIR FLOW CABINET

700 LAMINAR AIR FLOW CABINET 'LALCO'

Laminar Air Flow Cabinet : supplied with S.S. table top, hepa filter, pre filter, U.V. light, static pressure manometer acrylic, gas cock or vaccum line, front door, safety grills four hepa filter & pre filter.

Cat. No.	Size	Wooden Horizontal	Wooden Vertical	M.S. P.C. Horizontal	M.S. P.C. Vertical
700/01	2'x2'x2'	70000.00	80500.00	95000.00	126500.00
700/02	3'x2'x2'	76000.00	95000.00	125000.00	167000.00
700/03	4'x2'x2'	92000.00	105000.00	161000.00	196000.00
700/04	6'x2'x2'	115000.00	160000.00	250000.00	284000.00

701 LAMINAR AIR FLOW CABINET COMPLETE S.S. (G.M.P.) MODEL 'LALCO'

Laminar Air Flow Cabinet : specification same as cat. no. 700 but complete S.S. (G.M.P.)

Cat. No.	Size	S.S. Horizontal	S.S. Vertical
701/01	2'x2'x2'	138000.00	192000.00
701/02	3'x2'x2'	167000.00	225000.00
701/03	4'x2'x2'	196000.00	259000.00
701/04	6'x2'x2'	318000.00	380000.00

ENVIRONMENTAL

702 SPARE HEPA FILTER 'LALCO'

Size	2'x2'x2'	3'x2'x2'	4'x2'x2'
Price/Pcs.	13500.00	19200.00	26400.00

703 SPARE PRE FILTER 'LALCO'

Size	60x60x5cm	90x60x5cm
Price/Pcs.	3600.00	5800.00

704 EXHAUST SYSTEM FOR LAMINAR AIR FLOW VERTICAL 'LALCO' 21700.00

Spairs : 1. Gas cock	540.00
2. Mgnehelic Manometer	11500.00
3. Static pressure menometer (acrylic, block type)	3000.00

706 BIO SAFETY CABINET 'LALCO'

Bio Safety Cabinet : supplied with S.S. table top, hepa filter, pre filter, U.V. light, gas cock, front acrylic door, (as per class II)

Cat. No.	Size	Wooden	M.S.	S.S.
706/01	3'x2'x2'	120700.00	150000.00	208000.00
706/02	4'x2'x2'	138000.00	185000.00	253000.00
706/03	6'x2'x2'	173000.00	276000.00	327500.00



706

707 FUME HOOD (WOODEN) 'LALCO'

Cat. No.	Size	Price/Pcs.
707/01	3'x2'x2'	120000.00
707/02	4'x2'x2'	138000.00
707/03	5'x2½'x2½'	190000.00

708 FUME HOOD (MILD STEEL, POWDER COATED) 'LALCO'

Cat. No.	Size	Price/Pcs.
708/01	3'x2'x2'	160000.00
708/02	4'x2'x2'	190000.00
708/03	5'x2½'x2½'	225000.00



707 - 708

709 FUME HOOD (STAINLESS STEEL) G.M.P. 'LALCO'

Cat. No.	Size	Price/Pcs.
709/01	3'x2'x2'	195000.00
709/02	4'x2'x2'	240500.00
709/03	5'x2½'x2½'	358800.00
Optional : 1. Exhaust duct (rugged PVC) dia 3"		3000.00 / Running feet
2. Exhaust duct (rugged PVC) dia 4"		4600.00 / Running feet
3. Installation charges upto 200 km		Net 5000.00
4. Rest of India excluding Assam, Nagaland & Manipur		55000.00



709

710 TISSUE CULTURE RACK 'LALCO'

Cat. No.	Size	Shelves	Price/Pcs.
710/01	125x60x152cm	4	65000.00
710/02	125x60x192cm	5	80500.00
710/03	125x60x232cm	6	98000.00
Optional : Timer			Net 4600.00



710

L68-DCT ROTARY EVAPORATOR 'LALCO' 72000.00

This model of evaporator is supplied complete with geared drive non sparking noiseless motor offering smooth speed control by analog knob upto 200rpm, jack arrangement is fitted on tapered front base for positioning glass assembly, double **walled water bath thermostatically controlled temp.,** glass condenser double coiled with three opening for vacuum and cooling, pear (kjeldhal) shaped evaporating flask capacity 800ml., receiver flask capacity one litre fitted with a ball joint, feeding tube and vapour path tube provided with a seal, clips and spring a complete working unit.

L69-DCD ROTARY EVAPORATOR 'LALCO' 82000.00

This model of evaporator is supplied complete with geared drive non sparking noiseless motor offering smooth speed control by analog knob upto 200rpm, jack arrangement is fitted on tapered front base for positioning glass assembly, double **walled water bath with digital temperature controller.,** glass condenser double coiled with three opening for vacuum and cooling, pear (kjeldhal) shaped evaporating flaskcapacity 800ml., receiver flask capacity one litre fitted with a ball joint, feeding tube and vapour path tube provided with a seal, clips and spring a complete working unit.



L69-DCD

L70 ROTARY EVAPORATOR WITH AUTO LIFT (USB) 'LALCO' 250000.00

Automatic Digital Rotary Evaporator with auto lift, Vertical /Horizontal glass assembly. Capacity -1-2 ltr/hr with Colored TFT 4.3 "Touch Screen control, RPM-20-280, Timer Up to 99:99 hh:mm, Temperature - ambient to 180 C, Brushless DC motor with drive, Water bath with PID Microprocessor temperature controlling, Alarm on any error in system, Data logging, USB interface. (with Free PC software)

L71 ROTARY EVAPORATOR WITH AUTO LIFT 'LALCO' 145000.00

Automatic Digital Rotary Evaporator with auto lift, Vertical /Horizontal glass assembly. Capacity -1-2 ltr/hr with Graphical LCD display 128x64, RPM-20-280, Timer Up to 99:99 hh:mm, Temperature - ambient to 180 C, Brushless DC motor with drive, Water bath with PID microprocessor temperature controlling, Alarm on any error in system.

PHARMACY INSTRUMENTS

LALCO™ Scientific Instruments

L710 WATER REFRIGERETED CIRCULATOR CHILLER 'LALCO'

Water Refrigereted Circulator Chiller : body mounted on a sturdy angle frame with inner chamber S.S. cooling from +0d c to below ambient. tank cap. 12ltr. as per requirement. temp, is controlled by pid controller. the hollow spacebetween the inner chamber and outer wall is field with high grade insullation to prevent loss of temp, instrument consisting of sealed isi marked reputed make compressor for minimum noise level and smooth operation (stablizer recommanded)

Cat. No.	Cap. Ltrs	Price/Pcs.
710/01	10	85000.00



L710

720 AMPOULE CLARITY TEST EQUIPMENT 'LALCO' 5200.00



720

721 AMPOULE FILLING & SEALING DEVICE 'LALCO' 12500.00

Syringe type motor driven giving ten ampoules per minutes. automatic intake & outflow of fluid. consist of glass fusing burner for lpg with foot below & rubber tubing.

722 AMPOULE WASHING DEVICE 'LALCO' 5200.00

Six jet nozzles & pan made of s.s. spring loaded ampoule holding arrangement for various size of ampoules & tap to connect water from outside.



721

723 ANALGESIOMETER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
723/01	Radiant Heat type or tail Flick type	8500.00
723/02	Eddy's Hot Plate	13500.00



722

724 BALL MILL (ELECTRICALLY OPERATED) 'LALCO'

Having steel balls of different sizes to be put in jar for mixing & grinding powder. (S.S. jar)

Cat. No.	Product Name	Price/Pcs.
724/01	Cap 1 Kg	10500.00
724/02	Cap 2 Kg	11600.00



723



724

725 BOTTLE SEALING MACHINE (HAND OPERATED) 'LALCO' 28600.00

726 BOTTLE WASHING MACHINE 'LALCO'

Cat. No.	Product Name	Price/Pcs.
726/01	Table Top Model	19500.00
726/02	Floor Standing Model	38500.00



725



726

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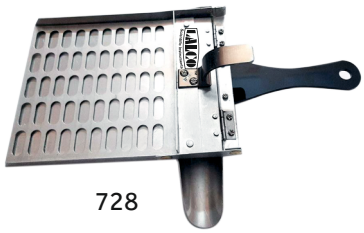
PHARMACY INSTRUMENTS



727

727 BULK DENSITY APPARATUS MOTOR 1/6HP, CYLINDER CAP. 50ML 'LALCO'

Cat. No.	Product Name	Price/Pcs.
727/01	Analog	12500.00
727/02	With Digital Counter & Timer	26000.00


728

728 CAPSULE COUNTER (ALUMINIUM) 100 PLACES 'LALCO' 1250.00


729

729 POLE CLIMBING APPARATUS (COOK'S) 'LALCO' 24000.00

Outer chamber made of thick plywood with observation window & inner made of acrylic sheet, with brass C.P. bars at bottom. a shock for controlled duration of 200V AC 50Hz single phase 0.2 ma is built in & controlled by solid state timer.

730 CAPSULE FILLING MACHINE 'LALCO' 46000.00

(All contact parts made of SS)
A versatile lever operated semi automatic machine for various operations.
(i) Plates for putting of capsules. (ii) removal of caps
(iii) Filling of powder by dispensing brush, pressing
(iv) Ejection of 100 capsules of 0,00,1, 2, or 3 any one size on order)


730


731

731 COLLAPSIBLE TUBE FILLING MACHINE (HAND OPERATED) 'LALCO' 12500.00

Stroke type, barrel and piston arrangement with stroke setting for various capacity of filling tubes detachablenozzles provided for each separate capacity. all contact parts are brass. built on cast iron body. cap. 5gm to 50gm

732 CONICAL PERCOLATOR (S.S. JAR ON STAND) 'LALCO' 950.00

733 ELECTRO CONVULSIOMETER 'LALCO' 12600.00

Provides 50Hz stimulus current adjustable from 0.15 to 330mA in discrete steps for producing minimal and super maximal seizures required in study of anticonvulsant and epileptic drugs


732


733

734 ELECTRONIC STIMULATOR (0- 30V) 'LALCO' 4000.00

735 DISINTEGRATION TEST UNIT 'LALCO'

Cat. No.	Product Name	Price/Pcs.
735/01	Single Basket (Analog)	10500.00
735/02	Double Basket (Analog)	13800.00
735/03	Double Basket (Digital) Timer & Temp.	29000.00
735/04	Single Basket (Digital) Timer & Temp.	25000.00



734

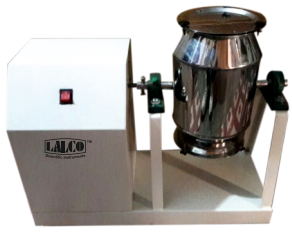

735

PHARMACY INSTRUMENTS

LALCO™ Scientific Instruments

736 DOUBLE CONE BLENDER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
736/01	5kg Cap.	34000.00
736/02	10kg Cap.	62000.00



736

739 HAND GRINDING MILL 'LALCO' 2600.00



739

740 BLOOD COLLECTION VIALS (VACUTAINER) PLAIN/EDTA 'LALCO'

Cat. No.	Product Name	Price/Pcs.
740/01	Non Vacuum Vials (Pk of 100)	600.00
740/02	Vacuum Vials (Pk of 100)	1200.00



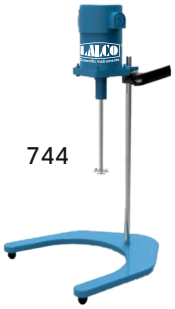
740

741 LIPSTICK MOULD 'LALCO'

Cat. No.	Product Name	Price/Pcs.
741/01	4 Hole	1200.00
741/02	6 Hole	1850.00
741/03	12 Hole	4000.00



741



744

742 LIQUID / BOTTLE FILLING MACHINE 'LALCO' 23500.00

743 LUCAS MOIST CHAMBER 'LALCO' 1700.00

744 MECHANICAL AGITATOR (PROPELLER TYPE) 'LALCO' 7800.00



746

746 OPERATION TABLE (SMALL) 30X30CMS. S.S. TOP 'LALCO' 7500.00



747

747 PERMEABILITY CUP (S.S 304) 120MM DIA 'LALCO' 2000.00

748 P HASE CONTRAST WITH BINOCULAR MICROSCOPE 'LALCO' 120000.00

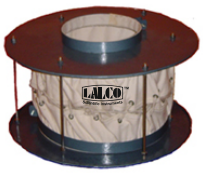


748

749 PLETHYSMOGRAPH 'LALCO' 2000.00

750 POLISHING PAN INNER DIA 12 X8" HIGH WITH OPENING OF 7" DIA NECK. 'LALCO' 4600.00

For use with coating pan. made of m.s. & provided with inner lining of superior canvas cloth.



750

LALCO™
Scientific Instruments

PHARMACY INSTRUMENTS



751

751 RABBIT CAGE SIZE 18" X 18" X14" 'LALCO' 6000.00

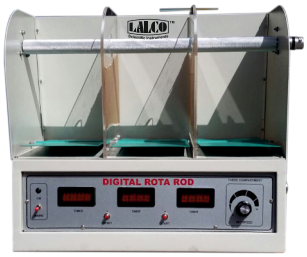
With heavy gauge mesh mounted in a frame of M.S. angle with door in front. 1" deep tray of G.I. sheet is provided which slides in an angle to the sides of the cage and is removable for cleaning.



752

752 RABBIT HOLDER (SIZE: 17" X 6" X 6") BOX TYPE 'LALCO' 3000.00

Wooden glass front, top lid opening air window, pushing system & neck holding clamp provided.



753

753 ROTA ROD WITH DIGITAL TIMER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
753/01	Four Compartment	21000.00
753/02	Three Compartment	18500.00
753/03	Two Compartment	17000.00
753/04	Optional:- Digital RPM Meter	8000.00



754

754 PROBE SONICATOR DIGITAL 'LALCO' 385000.00

Digital Probe Sonicator Frequency tracking- automatic tracking, power and amplitude adjust- 0-100%, Sonotrode frequency- 20KHz, Operation panel display- time setting working data, working mode- 1s - 99 hours with pause function continuous working, Generator protection- Built-in circuit; Over loading, over temperature, anti-short-circuit; soft start, Rated power- 250w, Input voltage- 110V/220v-240v, Input frequency- 50Hz-60Hz, Output power- <250w, Max temperature of sonotrode- 100°C, Max pressure- 5Mpa, Treatment capacity of liquid- < 10L/H

755 SMOKING STAND 'LALCO' 4000.00

756 SUPPOSITORY MOULD (BRASS) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
756/01	4 Hole, 1gm	600.00
756/02	6 Hole, 1gm	680.00
756/03	4 Hole, 1.5gm	860.00
756/04	6 Hole, 1.5gm	1200.00
756/05	12 Hole, 1gm	3200.00



755



756

757 TABLET MAKING MACHINE (PUNCHING MACHINE) 'LALCO'

Single Punch for making tablets up to 1000 mg as per size of die & punch 6, 9 & 12 mm (any one).automatic compression & ejection device with each revolution of the wheel drive. built on heavy cast iron body with eccentric pressure system. stainless steel hopper provided & connected by a rubber tube. easy setting for thickness & hardness of tablets with lock nuts. die & set of punches are chromium steel.

Cat. No.	Product Name	Price/Pcs.
757/01	Hand Operated	48000.00
757/02	Electrically Operated	90000.00



757/01



757/02

PHARMACY INSTRUMENTS

LALCO™ Scientific Instruments

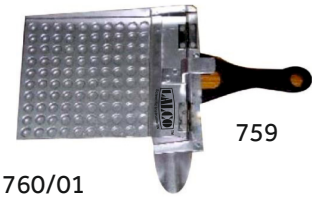
758 TABLET COATING PAN 'LALCO' — 24000.00

12" dia stainless steel, the machine worked by oil immersed gearbox, with F.H. motor drive. air blower is operated independently & air is thermostatically controlled to give temperature 30 to 110 degrees. switches for motor, blower, heater and thermostat are fixed on a panel with neon indicators. also mains lead with 15 amps plug provided.



758

759 TABLET COUNTER SUITABLE FOR 100 TABLET 'LALCO' — 1200.00



759

761 TABLET HARDNESS TESTER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
761/01	Monsanto type	2600.00
761/02	Pfizer Type	7500.00

760/01

762 TELE THERMOMETER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
762/01	With Single Probe	8600.00
762/02	With 6 Probe	10500.00



761/02

763 TINCHER PRESS (1 LTR.) CONTACT PARTS MADE OF S.S. 'LALCO' — 4800.00

764 COLLAPSIBLE TUBE (CRIMPING & SEALING MACHINE) 'LALCO' — 4800.00



762

765 VOLUME RECORDER 'LALCO' — 2000.00

766 X- BLOCK (OPEN) 'LALCO' — 350.00



763



764

767 WATER DEIONIZATION UNIT (DEIONISER) 'LALCO' — 36000.00

Capacity 50 ltr/hr , consists of two plastic column charged with high exchange capacity cation & anion resins. conductivity meter provided

768 ELECTRICAL KYMOGRAPH RECORDING DRUM (8 SPEED) 'LALCO' — 13000.00

Cat. No.	General Accessories For Kymograph	Price/Pcs.
768/01	Adjustable Stand	600.00
768/02	Drum Paper Clip	200.00
768/03	Myograph Lever	520.00
768/04	Frog Board	520.00
768/05	Frog Muscle Chamber	1600.00
768/06	Frog Heart Chamber	1600.00
768/07	Induction coil Dubois Reymond	4600.00



766



767

LALCO™ Scientific Instruments

PHARMACY / PATHOLOGY



768

Cat. No.	Product Name	Price/Pcs.
768/08	Dubois key	1250.00
768/09	Muscle Holder or Feemur Clamp	600.00
768/10	Simple Electrode	200.00
768/11	Tuning Fork N-100	400.00
768/12	Glazed Paper Sheet (100 sheets)	520.00
768/13	Starling Heart Lever	460.00
768/14	Brodie Universal Lever	600.00
768/15	Marry Tambour, 28mm	900.00
768/16	Artery Forceps	520.00
768/17	Frogs Pithing Needle	105.00
768/18	Muscle Electrode	600.00
768/19	Heart Clip, S.S.	200.00
768/20	Aerator	600.00
768/21	Frontal Writing Lever	140.00
768/22	Simple Lever	260.00



770

769	METABOLIC CAGE FOR RAT 'LALCO'	12000.00



772

770	STETHOGRAPH 'LALCO'	1600.00

PATHOLOGY

772	BABY SCALE 10KG 'LALCO'	2200.00

Cat. No.	Product Name	Price/Pcs.
772/01	BABY SCALE (Digital) Superior	6250.00



773

773	BLOOD CELL COUNTER (SUPERIOR) 'LALCO'	

Cat. No.	Product Name	Price/Pcs.
773/01	5 Key	1850.00
773/02	8 Key	2100.00



774

774	BLOOD LANCET, IMPORTED (PK. OF 200) 'LALCO'	240.00
775	CLINICAL THERMOMETER (MERCURIAL) 'LALCO'	80.00
776	DIGITAL CLINICAL THERMOMETER (IMPORTED) 'LALCO'	160.00
777	COLOUR PERCEPTION ENRIDGE (GREEN LANTERN) 'LALCO'	21000.00

775



776

PATHOLOGY INSTRUMENTS

LALCO™ Scientific Instruments

778 COUNTING CHAMBER (NEUBAR) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
778/01	Routine Quality	1560.00
778/02	Superior Quality	2200.00



778

779 DISPOSABLE LATEX GLOVE (PK OF 100) 'LALCO' 850.00



779

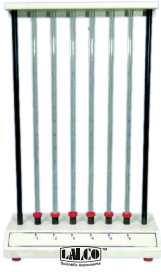
780 MASK DISPOSABLE (PK OF 100) 'LALCO' 290.00



780

781 E.S.R TUBE INDIAN MAKE (BOROSILICATE GLASS) 'LALCO' 28.00

Cat. No.	Product Name	Price/Pcs.
781/01	E.S.R STAND, 6 Hole	300.00



781

782 EYE TRIAL LENS SET 'LALCO' 13000.00



782

783 HAEMOCYTOMETER COMPLETE SET (IN PLASTIC BOX) 'LALCO'

Includes Counting chamber with RBC & WBC Tubes

Cat. No.	Product Name	Price/Pcs.
783/01	Ordinary Quality	880.00
783/02	German (HBG Make)	2350.00
783/03	Heamocytometer Empty Plastic Box	130.00



783

784 HAEMOMETER / HAEMOGLOBINOMETER (H.B. METER) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
784/01	INDIAN (Ordinary)	210.00
784/02	SAHLI'S (Round) Superior	1050.00
784/03	SAHLI'S (Square)	1110.00



784

785 HEAMOMETER TUBE 'LALCO'

Cat. No.	Product Name	Price/Pcs.
785/01	Round (Indian Quality)	26.00
785/02	Round	110.00
785/03	Square	145.00

786 ESR PIPETTE DISPOSABLE 'LALCO' 16.00

787 HAEMOGLOBIN METER (DIGITAL) 'LALCO' 6500.00

788 HEAMOMETER PIPETTE (INDIAN) 'LALCO' 26.00

LALCO™ Scientific Instruments

PATHOLOGY INSTRUMENTS



789 790



791/01 791/02



792



793



794 795



796 797

789 HEIGHT MEASURING STAND 'LALCO'

Cat. No.	Product Name	Price/Pcs.
789/01	Without Weighing Machine	3650.00
789/02	With Weighing Machine	5000.00
789/03	Stature Meter	650.00

790 INFRARED THERMOMETER (PYROMETER) 'LALCO' 4600.00

791 NEEDLE SYRINGE DESTROYER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
791/01	Electrical "Heavy Duty"	2000.00
791/02	Manual	580.00

792 PERSONAL WEIGHING SCALE, 125KG 'LALCO'

Cat. No.	Product Name	Price/Pcs.
792/01	Model Countess, Round shape	2350.00
792/02	Model Duchess, Square shape	1600.00
792/03	Digital Imported (Ordinary)	1050.00
792/04	Digital Chrome 150Kg	2050.00
792/05	Digital Model PLUSH 180Kg	2650.00

793 NEBULISER 'IMPORTED' 'LALCO' 3150.00

794 PULSE OXIMETER (IMPORTED) 'LALCO' 3000.00

795 PEAK FLOW METER 'LALCO' 2500.00

796 RIA VIAL (PK OF 500) 'LALCO' 920.00

797 R.B.C. / W.B.C. TUBE (INDIAN) ANY ONE 'LALCO' 26.00

798 SLIDE STAINING TRAY (ALUMINIUM) 'LALCO' 130.00

Cat. No.	Product Name	Price/Pcs.
798/01	Slide Staining Square Bar With Stand (SS Rod) Acrylic Feet	520.00
798/02	Staining Assembly Hanger Type (S.S) 25 Slides	210.00

PATHOLOGY INSTRUMENTS

LALCO™ Scientific Instruments

799 SPHYGMOMANOMETER (BP APPARATUS) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
799/01	Dial Type	600.00
799/02	Mercury Type (I.S.I Marked)	3400.00
799/03	Digital B.P Apparatus (Imported)	2500.00



799/01



799/02

800 STETHOSCOPE 'LALCO'

Cat. No.	Product Name	Price/Pcs.
800/01	Routine	320.00
800/02	Superior	1200.00



799/03

801 THERMO HYGROMETER (DIGITAL) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
801/01	Simple Wall Type Without Probe	700.00



800



801

802 TIMER ELECTRONIC, (IMPORTED) 'LALCO' 650.00

803 WINTROBE TUBE (INDIAN) 'LALCO' 26.00

804 WINTROBE STAND (6 HOLE) 'LALCO' 160.00



804

805 BLOOD ROLLER MIXER (VARIABLE SPEED) 'LALCO' 1200.00



805

806 TOURNIQUET BELT 'LALCO' 26.00

807 ALBUNOMETER 'LALCO' 250.00



806



807

808 URINOMETER 'LALCO' 60.00

809 BLOOD SUGAR, FOLIN - WU TUBES 'LALCO'

(These tubes have two volume marks- at 12.5ml and 25ml

Cat. No.	Capacity ml	Price/Pcs.
809/01	25	165.00



808



809

810 WIDAL TUBE CONICAL BOTTOM 'LALCO' 22.00

815 TEST SIEVE 8" (20CM) DIA. BRASS FRAME WITHOUT JOINT & S.S CLOTH 'LALCO'

Cat. No.	B.S.S.	A.S.T.M.	I.S.	Microns	Price/Pcs.
815/01	4	5	4.00 mm	4000	1200.00
815/02	5	6	3.35 mm	3353	1200.00
815/03	6	7	2.80 mm	2812	1200.00
815/04	7	8	3.36 mm	2411	1200.00
815/05	8	10	2.00 mm	2057	1200.00
815/06	10	12	1.70 mm	1680	1200.00
815/07	12	14	1.40 mm	1405	1200.00
815/08	14	16	1.18 mm	1204	1200.00
815/09	16	18	1.00 mm	1003	1200.00
815/10	18	20	0.850 mm	850	1200.00
815/11	22	25	0.710 mm	710	1200.00
815/12	25	30	0.600 mm	600	1200.00
815/13	30	35	0.500 mm	500	1200.00
815/14	36	40	0.425 mm	425	1200.00
815/15	44	45	0.355 mm	355	1200.00
815/16	52	50	0.300 mm	300	1200.00
815/17	60	60	0.250 mm	250	1200.00
815/18	72	70	0.212 mm	210	1200.00
815/19	85	80	0.180 mm	180	1200.00
815/20	100	100	0.150 mm	150	1200.00
815/21	120	120	0.125 mm	125	1600.00
815/22	150	140	0.106 mm	106	1600.00
815/23	170	170	0.090 mm	90	1600.00
815/24	200	200	0.075 mm	75	1600.00
815/25	240	230	0.063 mm	63	1600.00
815/26	300	270	0.053 mm	53	1600.00
815/27	350	325	0.045 mm	45	2050.00
815/28	400	400	0.037 mm	37	2050.00
815/29	500	-	0.025 mm	25	2050.00
LID AND RECEIVER					2400.00



815



826 DISTILLATION APPARATUS ALL GLASS 'LALCO'

Automatic electrically heated all glass distillation apparatus heater embeded in spiral glass tube complete with metallic stan, plug and board etc.

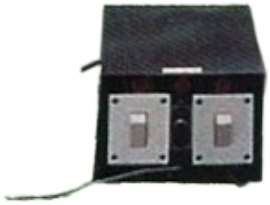
Cat. No.	Flask Cap.	Description (W/O cut off)	Price/Pcs.
826/01	3 Ltrs.	Single Distillation	13900.00
826/02	3 Ltrs.	Double Distillation	24600.00
826/03	3 Ltrs.	Tripple Distillation	38400.00
826/04	5 Ltrs.	Single Distillation	16500.00
826/05	5 Ltrs.	Double Distillation	30550.00
826/06	5 Ltrs.	Tripple Distillation	46800.00
826/07	10 Ltrs.	Single Distillation	23400.00
826/08	10 Ltrs.	Double Distillation	46800.00
826/09	10 Ltrs.	Tripple Distillation	68000.00

827 REPLACEMENT PARTS OF WATER DISTILLATION 'LALCO'

Cat. No.	Flask Cap.	Description	Price/Pcs.
827/01	3 Ltrs.	Flask with heater	7500.00
827/02	5 Ltrs.	Flask with heater	9500.00
827/03	10 Ltrs.	Flask with heater	16500.00
827/04	3 Ltrs.	Spare Condenser	3500.00
827/05	5 Ltrs.	Spare Condenser	3500.00
827/06	10 Ltrs.	Spare Condenser	4000.00
827/07	Cup	Constant level cup for distillation	480.00
827/08	Adapter	Receiver adapter for distillation	330.00

828 AUTOMATIC CUT OF DEVICE FOR DISTILLATION UNIT 'LALCO'

Cat. No.	Stage	Price/Pcs.
828/01	Single	3800.00
828/02	Double	4400.00
828/03	Triple	6500.00



829 WATER STILL WITH METAL HEATER 'LALCO' 24000.00



It comprises of horizontal borosilicate glass boiler fitted with a 3 KW chromium plated immersion heater with cutoff, highly efficient coil condenser ensures a reliable output of single distillate.

It is designed for easy usage, safe to operate and low cost.

Features

- Abundant Output : The still provides 4 ltr/hr of distilled water which is ideal for General Laboratory use and is capable for producing pyrogen free distillate.
- Distillate temperature is approx. between 25° - 40° C which is ensured by highly efficient condenser.

Distillate Quality

Output	4ltr / hr
Conductivity	3.0-4.0 µS/cm
Distillate Quality	Pyrogen Free

Construction

- The stand is powder coated for long and rust free operation.
- The boiler and condenser are designed for high efficiency.
- Boiler is provided with Teflon Screw Cork for easy draining and cleaning of boiling chamber.
- Screw Threaded Connectors : These are provided for easy plumbing & Installation to avoid any glassware breakage during assembly.
- For use on 220/240 V, 50/60Hz, Single Phase Supply.

Additional Optional Accessories (At Extra Cost)

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: In-built safety feature for the equipment unit shut off in case of cooling water failure.

830 WATER STILL WITH SILICA SHEATHED HEATER (SINGLE STILL) 'LALCO'

Water stills are carefully designed to produce high purity pyrogen free distilled water. The water still made from 3.3 exp. borosilicate glass comprises of horizontal type boiler, condenser, constant level device, silica sheathed (Quartz) heater, along with stand and clamps.



Features:

- Borosilicate condenser and boiler are fitted with a removable silica sheathed heater and screw threaded connectors for ease of Cleaning.
- Distillate temperature is approx. between 25° to 45°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon Stop Cork is provided for easy cleaning and maintenance.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

Unique Feature:

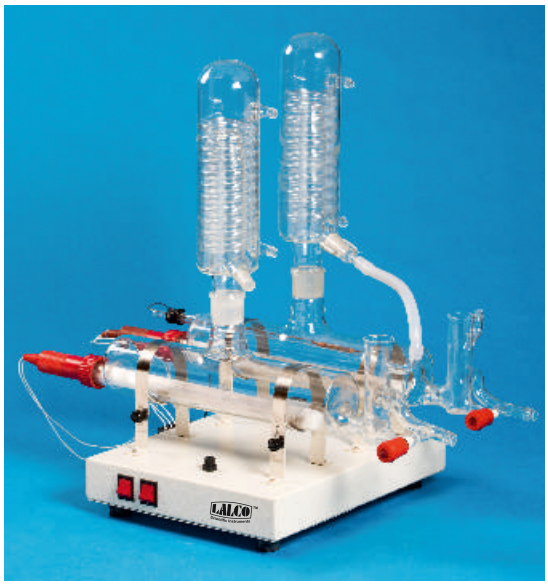
This model is equipped with in-built water level sensor to protect the Glass parts in case of water failure or overheating and buzzer is provided when user attention is required

Single Unit	Technical Specification			
Conductivity		1 to 2.0 µs/cm		
Distillate Quality		Pyrogen Free		
Model No.	Output Cap. (approx)	Cooling Water Consumption	Power Rating	Price
830-20S	2.0 ltr/hr	60 ltr/hr	1.5 Kw	38000.00
830-40S	4.0 ltr/hr	120 ltr/hr	3.0 Kw	53000.00

** Specifications under Standards Test Conditions.

831 WATER STILL WITH SILICA SHEATHED HEATER (DOUBLE STILL) 'LALCO'

Water stills are carefully designed to produce high purity pyrogen free distilled water. The water still made from 3.3 exp. borosilicate glass comprises of horizontal type boiler, condenser, constant level device, silica sheathed (Quartz) heater, along with stand and clamps.



Features:

- Borosilicate condenser and boiler are fitted with a removable silica sheathed heater and screw threaded connectors for ease of Cleaning.
- Distillate temperature is approx. between 25° to 45°C which is ensured by an ef cient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Te on Stop Cork is provided for easy cleaning and maintenance.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

Unique Feature:

This model is equipped with in-built water level sensor to protect the Glass parts in case of water failure or overheating and buzzer is provided when user attention is required

Technical Speci cation

Conductivity		**1 to 2.0 µs/cm**		
Distillate Quality		**Pyrogen Free**		
Model No.	**Output Cap. (approx)**	**Cooling Water Consumption**	**Power Rating**	**Price**
831-20D	2.0 ltr/hr	120 ltr/hr	3.0 Kw	**70000.00**
831-40D	4.0 ltr/hr	150 ltr/hr	6.0 Kw	**95000.00**

**** Specifications under Standards Test Conditions.**

LALCO™ Scientific Instruments

832 AUTOMATIC WATER DISTILLATION EQUIPMENT (CABINET MODEL) 'LALCO'



Compact & User Friendly

This is a fully automatic water distillation equipment and can be used in research laboratories, hospitals etc. It is manufactured from 3.3 exp borosilicate glass or quartz glass. The distillation has following features:

- Replaceable silica sheathed (Quartz) heater: The horizontal quartz jacket is fitted with removable silica Sheathed heater and screw threaded connectors for ease of cleaning
- Distillate temperature is approx. between 25°C to 45°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Screw Threaded Connectors: These are provided for easy plumbing & Installation to avoid any glassware breakage during assembly.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with a Replaceable Side Over Flow for easydraining and cleaning of boiling chamber.
- The front cover is easily removable making the access to the glass parts very easy.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

Additional In-built Safety Features:

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: In-built safety feature for the equipment unit shut off in case of cooling water failure.
- Temperature switch: The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages.
- Level Sensor: It Shuts off the Distillation equipment if the water level in the boiler falls below the heater.
- Reservoir Level Sensor: This helps in automatic working of the water distillation equipment. Depending on the water level in the reservoir it will automatically switch On/Off the equipment, thus saving energy. (Reservoir can also be provided with a storage capacity of 5 ltr, 10 ltr & 20 ltr made of Borosilicate Glass or polypropylene)

Borosilicate Glass

	832-20S	832-20D	832-40S	832-40D
Output Capacity (Approx.)	2 Ltr/Hr	2 Ltr/Hr	4 Ltr/Hr	4 Ltr/Hr
Stage	Single Stage	Double Stage	Single Stage	Double Stage
Distillate Quality	**Pyrogen Free**	**Pyrogen Free**	**Pyrogen Free**	**Pyrogen Free**
Conductivity µS/cm	1.0 - 2.0	0.8 - 1.0	1.0 - 2.0	0.8 - 1.0
Cooling Water Requirement (Approx)	1.5 Ltr/min	2 Ltr/min	2-3Ltr/min	2-4 Ltr/min
Power Rating (Total)	1.5 KW	3.0 KW	3.0 KW	6.0 KW
Price/Pc	**74600.00**	**112000.00**	**102000.00**	**165000.00**

****All the parameters are under standard test conditions.**
****Output quality would depend upon the quality of inlet feed water.**

833 SINGLE STAGE QUARTZ DISTILLATION (VERTICAL MODEL) 'LALCO'

The apparatus consists of a boiler made from high purity quartz with built in heater and bottom discharge joint for easy cleaning of deposits. A spiral condenser is fitted on the boiler with receiving adapter. The unit comes with Safety Control Unit (Optional) to protect the Glass parts in case of water failure or overheating. Quartz can withstand very high temperature variation, thus it is thermal shock proof.



Conductivity	1.0 -1.5 pS/cm with Borosilicate Condenser
	0.5 - 0.8 pS/cm with Quartz Condenser
Distilled Water Quality	Pyrogen Free
Distillate Temperature	25-45°C

"All the parameters are under Standard Test Conditions'

Advantages

- Rust proof powder coated sturdy stand as base.
- Replaceable clamps are provided for better adjustment and alignment of the boiler and condenser.

Advanced Features

- Distillate is pyrogen free; also it is free of heavy metals.
- Switch on time is less than minute providing distilled water instantly.
- Low maintenance is required.

Borosilicate Condenser (Safety Cut Off Device Charge Extra)

	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
833-25B	2.5Ltr/Hr	2 KW	40 Ltr/Hr	49000.00
833-50B	5 Ltr/Hr	4.4 KW	65 Ltr/Hr.	81000.00
833-80B	8 Ltr/Hr	6 KW	90 Ltr/Hr	118000.00
833-100B	10 Ltr/Hr	9 KW	120 Ltr/Hr	138000.00

Quartz Condenser (Safety Cut Off Device Charge Extra)

	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
833-25Q	2.5Ltr/Hr	2 KW	40 Ltr/Hr	74000.00
833-50Q	5 Ltr/Hr	4.4 KW	65 Ltr/Hr.	134000.00
833-80Q	8 Ltr/Hr	6 KW	90 Ltr/Hr	178000.00
833-100Q	10 Ltr/Hr	9 KW	120 Ltr/Hr	250000.00

Indicates 3 Phase

Safety Cut Off Device (Digital Safety Control Unit with Alarm)		
SCU-1	2 Ltr/Hr	27000.00
SCU-2	5,8 &10 Ltr/Hr	30000.00

**** It is recommended to use Water Softener Unit with All types of water distillations for desired output, good quality distillate & long life.**

LALCO™ Scientific Instruments

834 SINGLE STAGE QUARTZ DISTILLATION (HORIZONTAL MODEL) 'LALCO'

Features

- Replaceable Silica Heater : The horizontal quartz jacket is fitted with removable silica heater and screw threaded connectors for ease of cleaning.
- Distillate temperature is approx. between 25° to 45° C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.
- Boiler is provided with Replaceable Quartz Constant Level Device for easy draining and cleaning of boiling chamber.



Unique Feature

This model is equipped with in-built temperature switch to protect the Glass parts in case of water failure or overheating.

Additional Optional Accessories (At Extra Cost)

- **Gate Valve:** Conserves cooling water wastage in case of power failure.
- **Flow Switch :** In-built safety feature for the equipment unit shut off in case of cooling water failure.

Borosilicate Condenser

	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
834-20BH	2 Ltr/Hr	1.7 KW	35 Ltr/Hr	66000.00
834-50BH	5 Ltr/Hr	3.4 KW	70 Ltr/Hr.	106000.00

Quartz Condenser

	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
834-20QH	2 Ltr/Hr	1.7 KW	35 Ltr/Hr	85000.00
834-50QH	5 Ltr/Hr	3.4 KW	70 Ltr/Hr.	165000.00

835 ALL QUARTZ DOUBLE DISTILLATION (VERTICAL MODEL) 'LALCO'



It has been designed keeping in view customer requirements and easy serviceability of the equipment. All Quartz Double Distillation consists of demountable upper and lower boiler The lower boiler has a built in heater enclosed in a quartz boiler with a cup on top. The upper boiler has a built in quartz coil and condensing unit which is mounted on the boiler with the help of ball and socket joint. Double walled condenser ensures separate condensation of vapors coming from the two boilers using a single cooling circuit. The unit in mounted on a specially designed powder coated stand and is also provided with Safety Control Unit. This new dual - safety cut off has been designed for better and accurate control of the distillation unit. It has been incorporated with advanced microprocessor based electronic circuitry.

This has the latest electronic technology that has been introduced by our company which gives an easy user machine interaction. The alpha numeric LCD which has been used shows all messages that correspond to the running of the machine.

Also there is alarm system which beeps as and when user attention is required.

Special advantages of Demountable Model

- Easy cleaning of the first boiler since it can be dismantled from the assembly.
- Ease of interchangeability as it is provided with Ball & Socket joint.
- Boiler & condenser have larger boiling space resulting in balanced boiling & improved quality of distillate.
- Compact and easy to install.

Double Distillate Quality

Parameters	Values
Specific Conductivity	0.1-0.5 ps/cm
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr
Silica	<0.01 mg/ltr

**All the parameters are under Standard Test Conditions, Please test the distilled water before use.
**We recommend a Quartz Reservoir for storage of High Purity Water.

Quartz Condenser

Double (Vertical)	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
835-DD-15AQ	1.5Ltr/Hr	3 KW	50 Ltr/Hr	130000.00
835-DD-25AQ	2.5Ltr/Hr	5 KW	70 Ltr/Hr.	176000.00
835-DD-35AQ	3.5Ltr/Hr	7 KW	90 Ltr/Hr	252000.00
835-DD-40AQ	4.0Ltr/Hr	8 KW	120 Ltr/Hr	294000.00
835-DD-50AQ	5.0Ltr/Hr	9 KW	150 Ltr/Hr	332000.00

Indicates 3 Phase

• The above cost is inclusive of Safety Cut off Device
**** It is recommended to use Water Softener Unit with All types of Water distillations for desired output, good quality distillate and long life.**

LALCO™ Scientific Instruments

836 ALL QUARTZ DOUBLE DISTILLATION (HORIZONTAL MODEL) 'LALCO'



Features

- Replaceable silica heater: The horizontal quartz jacket is fitted with removable silica heater and screw threaded connectors for ease of cleaning
- Distillate temperature is approx between 25^0 to 45^{0}C which is ensured by an efficient condenser.
- The stand is powder coated for rust free opera appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with a Replaceable Constant Level Device for easy draining and cleaning of boiling chamber.

Additional In-built Safety Feature

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: lin-built safety feature for the equipment unit shut off in case of cooling water failure.
- Temperature switch: The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages

Technical Specifica

Double (Horizontal)	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (App.)	
836-DD-15HM	1.5Ltr/Hr	3 KW	50 Ltr/Hr	**195000.00**
836-DD-20HM	2.0Ltr/Hr	4 KW	65 Ltr/Hr.	**225000.00**
836-DD-25HM	2.5Ltr/Hr	5 KW	70 Ltr/Hr	**235000.00**
836-DD-35HM	3.5Ltr/Hr	6 KW	90 Ltr/Hr	**275000.00**
836-DD-40HM	4.0Ltr/Hr	7 KW	120 Ltr/Hr	**310000.00**
836-DD-50HM	5.0Ltr/Hr	8 KW	150 Ltr/Hr	**385000.00**

Indicates 3 Phase

** It is recommended to use Water Softener Unit with All types of water distillations for desired output, good quality distillate & long life.

***pH electrodes will NOT give accurate pH values in distilled or deionized water. This is because distilled and deionized water do not have enough ions present for the electrode to function properly. The readings will drift and be essentially meaningless. In practice, however, most distilled water will have a pH that is slightly acidic (less than 7.0) due to the presence of carbon dioxide (C02) that is absorbed from the atmosphere.

SPARE PARTS FOR WATER DISTILLATION UNIT

837 ALL QUARTZ DOUBLE DISTILLATION 'LALCO'

Cat. No.	Product Name	Price/Pcs.
837-DD-15AQ-LC	Quartz Lower Cup for 1.5 ltr/hr Distillation	39500.00
837-DD-25AQ-LC	Quartz Lower Cup for 2.5 ltr/hr Distillation	55800.00
837-DD-SOF	All Quartz Double distillation Side Over Flow (Quartz)	23100.00
837-SI-SCU-1	Safety Cut-off Device for 1.5 6t 2.5 ltr/hr Dist.	28000.00
837-SI-SCU-2	Safety Cut-off Device for 3.5, 4.0 6t 5.0 ltr/hr Dist.	30000.00

838 SINGLE STAGE QUARTZ DISTILLATION 'LALCO'

Cat. No.	Product Name	Price/Pcs.
838-SD-20-QBS	Quartz Boiler for 2.5 ltr/hr Dist.	37000.00
838-SD-50-QBS	Quartz Boiler for 5 ltr/hr Dist.	61500.00
838-SD-70-QBS	Quartz Boiler for 7 ltr/hr Dist.	101000.00
838-SD-100-QBS	Quartz Boiler for 10 ltr/hr Dist.	125000.00
838-SD-20-BCC	Borosilicate Coil Condenser for 2.5 ltr/hr Dist.	7100.00
838-SD-50-BCC	Borosilicate Coil Condenser for 5 ltr/hr Dist.	9900.00
838-SD-70-BCC	Borosilicate Coil Condenser for 7 ltr/hr Dist.	15500.00
838-SD-100-BCC	Borosilicate Coil Condenser for 10 ltr/hr Dist.	24600.00
838-SD-20-QCC	Quartz Coil Condenser for 2.5 ltr/hr Dist.	37500.00
838-SD-50-QCC	Quartz Coil Condenser for 5 ltr/hr Dist.	61600.00
838-SD-70-QCC	Quartz Coil Condenser for 7 ltr/hr Dist.	108000.00
838-SD-100-QCC	Quartz Coil Condenser for 10 ltr/hr Dist.	154000.00
838-SI-SCU-1	Safety Cut-off Device	26950.00
838-SI-SCU-2	Safety Cut-off Device	29800.00

839 SINGLE STAGE QUARTZ DISTILLATION (HORIZONTAL MODEL) 'LALCO'

Cat. No.	Product Name	Price/Pcs.
839-SD-20-HQB	Horizontal Quartz Boiler for 2 ltr/hr Dist.	39500.00
839-SD-50-HQB	Horizontal Quartz Boiler for 5 ltr/hr Dist.	61000.00
839-SD-20-BCC	Borosilicate Coil Condenser for 2 ltr/hr Dist.	7100.00
839-SD-50-BCC	Borosilicate Coil Condenser for 5 ltr/hr Dist.	9900.00
839-SD-20-QCC	Quartz Coil Condenser for 2 ltr/hr Dist.	37500.00
839-SD-50-QCC	Quartz Coil Condenser for 5 ltr/hr Dist.	61600.00
839-SI-SH-HS	Silica Sheathed (Quartz)Heater with Bakelite Cap	8500.00

LALCO™ Scientific Instruments

840 WATER STILL WITH SILICA SHEATHED HEATER 'LALCO'

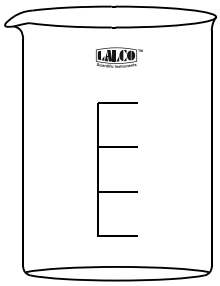
Cat. No.	Product Name	Price/Pcs.
840-WS-SH-CLS	Constant Level Device	2700.00
840-WS-SH-20BCS	Boiling Chamber for 2 ltr/hr Still	9400.00
840-WS-SH-40BCS	Boiling Chamber for 4 ltr/hr Still	16100.00
840-WS-SH-20BCC	Coil Condenser for 2 ltr/hr Still	7100.00
840-WS-SH-40BCC	Coil Condenser for 4 ltr/hr Still	9900.00
840-SI-SH-HS	Silica Sheathed (Quartz)Heater with Bakelite Cap	8500.00

841 WATER STILL WITH METAL HEATER 'LALCO'

Cat. No.	Product Name	Price/Pcs.
841-WS-MH-40BCS	Boiler for Water Still with Metal Heater	15000.00
841-WS-MH-40BCC	Coil Condenser for Water Still with Metal Heater	9900.00
841-WS-MH-40HTS	Heater 3Kw fitted with Thermostat	9300.00

845 DISTILLATION APPARATUS 'LALCO'

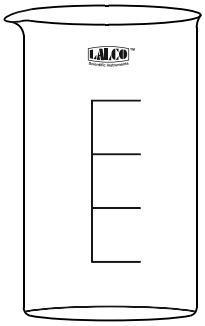
Cat. No.	Product Name	Price/Pcs.
845-WS-MH-40BCS	Boiler for Water Still with Metal Heater	15000.00
845-WS-MH-40BCC	Coil Condenser for Water Still with Metal Heater	9900.00
845-WS-MH-40HTS	Heater 3Kw fitted with Thermostat	9300.00



850

850 BEAKER LOW FORM WITH SPOUT 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
850/01	25	900.00
850/02	50	1300.00
850/03	100	1800.00
850/04	150	2800.00
850/05	250	5200.00
850/06	500	8800.00
850/07	1000	14000.00



851

851 BEAKER TALL FORM WITH SPOUT 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
851/01	25	900.00
851/02	50	1250.00
851/03	100	1800.00
851/04	150	2800.00
851/05	250	5100.00
851/06	500	8750.00
851/07	1000	13500.00



852

852 FLASK (ROUND BOTTOM/FLAT BOTTOM) 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
852/01	50	4200.00
852/02	100	6400.00
852/03	250	10000.00
852/04	500	12800.00
852/05	1000	28400.00



853

853 FLASK (ROUND BOTTOM / FLAT BOTTOM) WITH SOCKET 'LALCO'

Cat. No.	Capacity (ml)	Socket Size	Price/Pcs.
853/01	50	19/26	6000.00
853/02	100	19/26	8400.00
853/03	250	24/29	12400.00
853/04	500	34/35	16000.00
853/05	1000	34/35	32000.00

"Other socket sizes can also be made as per requirement.
" Two, Three & Four Neck Flasks also available on request.

QUARTZ GLASSWARE

854 FLASK CONICAL (ERLENMEYER) 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
854/01	50	6400.00
854/02	100	7800.00
854/03	250	10800.00
854/04	500	19200.00
854/05	1000	32400.00



854

855 FLASK CONICAL WITH SOCKET (ERLENMEYER) 'LALCO'

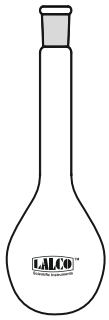
Cat. No.	Capacity (ml)	Socket Size	Price/Pcs.
855/01	50	19/26	8000.00
855/02	100	19/26	10500.00
855/03	250	24/29	12000.00
855/04	500	34/35	24500.00
855/05	1000	34/35	34600.00



855

856 FLASKS KJELDHAL, ROUND BOTTOM, LONG NECK 'LALCO'

Cat. No.	Capacity (ml)	Socket Size	Price/Pcs.
856/01	100	19/26	7200.00
856/02	300	24/29	11200.00
856/03	500	24/29	16000.00
856/04	800	24/29	27000.00



856

857 REAGENT BOTTLE WITH SILICON STOPPER 'LALCO'

Cat. No.	Capacity (ml)	Socket Size	Price/Pcs.
857/01	50	19/26	13000.00
857/02	100	19/26	15600.00
857/03	250	24/29	19200.00
857/04	500	24/29	22800.00
857/05	1000	40/38	27200.00

** Also available with Quartz Stopper
** Reagent Bottle Aspirator Type also available on special request.



857

858 TEST TUBES WITH RIM / WITHOUT RIM 'LALCO'

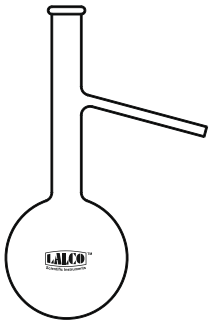
Cat. No.	Capacity ml. (approx)	O.D.x Length mm. (approx)	Price/Pcs.
858/01	3	10x75	300.00
858/02	5	12x75	400.00
858/03	8	12x100	450.00
858/04	10	16x125	560.00
858/05	15	16x150	720.00
858/06	25	18x150	1160.00
858/07	35	25x100	1400.00
858/08	50	25x150	1600.00
858/09	75	25x200	1720.00
858/10	100	32x200	2200.00
858/11	200	40x200	2900.00



858

859 DISTILLATION FLASKS 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
859/01	50	6000.00
859/02	100	6850.00
859/03	250	11500.00
859/04	500	16000.00
859/05	1000	24600.00



859

860 QUARTZ BULB CONDENSER (ALLIHN CONDENSER) 'LALCO'

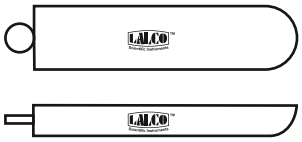
Cat. No.	Effective Length (mm)	Socket Size	Cone Size	Price/Pcs.
860/01	200	19/26	19/26	22000.00
860/02	300	24/29	24/29	26000.00
860/03	400	24/29	24/29	32000.00



860

861 COMBUSTION BOATS WITH HANDLE 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
861/01	16x49	680.00
861/02	12x77	900.00
861/03	18x77	1000.00
861/04	22x77	1280.00
861/05	22x100	1560.00

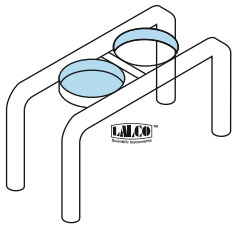


861

QUARTZ GLASSWARE

862 MUFFLE TRAY 'LALCO'

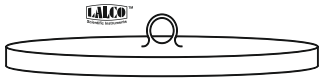
Cat. No.	Nominal Length	No. of Holes	Price/Pcs.
862/01	39	2	2100.00
862/02	76	4	1350.00



862

863 LID FOR CRUCIBLES 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
863/01	15	560.00
863/02	25	880.00
863/03	50	1280.00
863/04	80	1400.00



863

864 CRUCIBLE WITHOUT LID 'LALCO'

Cat. No.	Capacity ml.	O.D.x Length mm. (approx)	Price/Pcs.
864/01	15	40x26	560.00
864/02	25	47x30	880.00
864/03	50	57x35	1280.00
864/04	80	69x45	2000.00
864/05	150	80 x 54	3200.00



864

ALL QUARTZ ITEMS ARE WILL BE READY AFTER CONFORMATION OF ORDER WITH MINIUM 50% ADVANCE PAYMENT.

QUARTZ ITEMS ARE NOT READY IN STOCK.

ADAPTER REDUCTION/ EXPANTION



GW03

GW03 SOCKET, PLAIN DOUBLE 'LALCO'

Cat. No.	Socket	Price/Pcs.
GW03/01	B10	120.00
GW03/02	B14	120.00
GW03/03	B19	130.00
GW03/04	B24	150.00
GW03/05	B29	190.00
GW03/06	B34	230.00
GW03/07	B40	360.00



GW04

GW04 CONES, PLAIN DOUBLE 'LALCO'

Cat. No.	Socket	Price/Pcs.
GW04/01	B10	120.00
GW04/02	B14	120.00
GW04/03	B19	130.00
GW04/04	B24	150.00
GW04/05	B29	190.00
GW04/06	B34	230.00
GW04/07	B40	360.00



GW05

GW05 REDUCTION ADAPTERS 'LALCO'

Cat. No.	Socket	Cone	Price/Pcs.
GW05/01	B10	B14	90.00
GW05/02	B14	B19	95.00
GW05/03	B14	B24	100.00
GW05/04	B14	B29	130.00
GW05/05	B19	B24	130.00
GW05/06	B19	B29	130.00
GW05/07	B19	B34	160.00
GW05/11	B24	B29	180.00
GW05/12	B24	B34	195.00
GW05/16	B24	B55	450.00
GW05/17	B29	B34	260.00
GW05/21	B34	B55	490.00
GW05/22	B34	B50	470.00

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GW06 EXPANSION ADAPTERS 'LALCO'

Cat. No.	Socket	Cone	Price/Pcs.
GW06/02	B19	B14	95.00
GW06/03	B24	B14	100.00
GW06/04	B24	B19	130.00
GW06/05	B29	B14	130.00
GW06/07	B29	B24	180.00
GW06/08	B34	B19	195.00
GW06/09	B34	B24	195.00
GW06/10	B34	B29	260.00
GW06/12	B55	B24	450.00

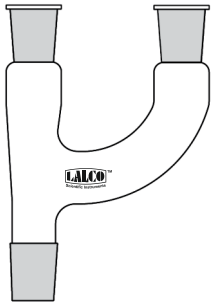


GW06

GW07 MULTIPLE ADAPTERS 'LALCO'

Two necks parallel

Cat. No.	Socket x 2	Cone	Price/Pcs.
GW07/02	B14	B14	190.00
GW07/03	B19	B19	220.00
GW07/04	B19	B24	240.00
GW07/05	B24	B34	320.00
GW07/06	B24	B24	300.00
GW07/07	B29	B29	360.00

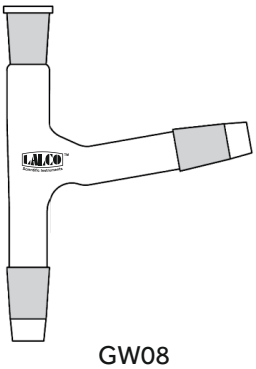


GW07

GW08 MULTIPLE ADAPTERS 'LALCO'

With two necks , one vertical and one at 45 angle

Cat. No.	Socket	Cone	Price/Pcs.
GW08/01	B19	B19	220.00
GW08/02	B19	B24	240.00
GW08/03	B19	B34	320.00

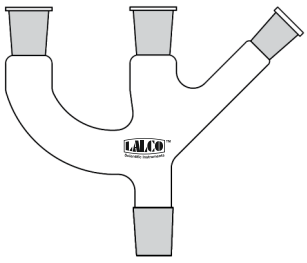


GW08

GW09 MULTIPLE ADAPTERS 'LALCO'

With three necks, two parallel and one at 45 angle

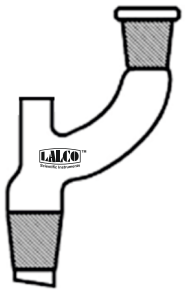
Cat. No.	Socket x 2	Cone	Vertical Socket	Price/Pcs.
GW09/01	B19	B19	B19	350.00
GW09/02	B19	B24	B19	400.00
GW09/04	B19	B29	B19	410.00
GW09/05	B24	B24	B24	520.00
GW09/06	B29	B29	B29	610.00



GW09

GW10 SWAN NECK ADAPTERS 'LALCO'

For use with air-leak, tube or Thermometer

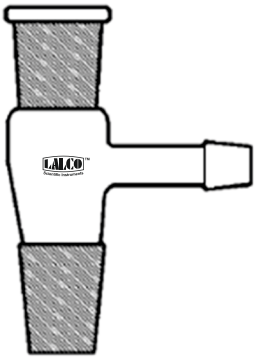


GW10

Cat. No.	Socket	Cone	Price/Pcs.
GW10/02	B19	B19	180.00
GW10/04	B19	B24	190.00
GW10/05	B24	B24	200.00
GW10/06	B29	B29	220.00

GW11 ADAPTERS SOCKET TO CONE 'LALCO'

With T connection



GW11

Cat. No.	Socket	Cone	Price/Pcs.
GW11/01	B14	B14	120.00
GW11/02	B14	B19	125.00
GW11/03	B14	B24	135.00
GW11/04	B19	B19	140.00
GW11/05	B19	B24	160.00
GW11/07	B24	B24	175.00
GW11/08	B24	B29	210.00
GW11/09	B29	B29	230.00

GW12 ADAPTERS SOCKET TO RUBBER TUBING 'LALCO'

Straight connection

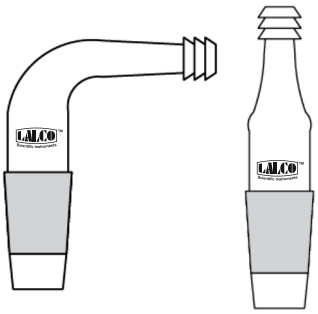


GW12

Cat. No.	Socket	Price/Pcs.
GW12/03	B19	95.00
GW12/04	B24	110.00
GW12/05	B29	150.00

GW13 ADAPTERS CONE TO RUBBER TUBING 'LALCO'

Right angle connection or straight (Take - off)



GW13

Cat. No.	Socket	Price/Pcs.
GW13/02	B14	90.00
GW13/03	B19	100.00
GW13/04	B24	125.00
GW13/05	B29	150.00
GW13/06	B34	175.00

GW14 ADAPTERS CONE TO RUBBER TUBING 'LALCO'

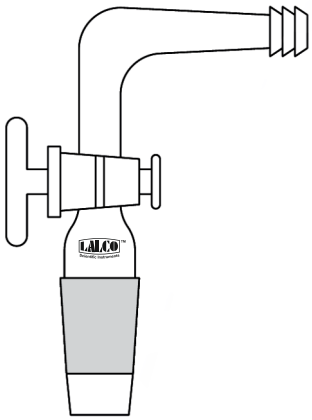
Straight or right angle connection with glass stop cock

Cat. No.	Socket	Price/Pcs.
GW14/01	B14	270.00
GW14/02	B19	280.00
GW14/03	B24	290.00
GW14/04	B29	330.00
GW14/05	B34	370.00

Optional : 1. The above adaptors can also be supplied with PTFE Key stop cock

2. The above adaptors can also be supplied with straight connection.

*Please ask for prices separately.



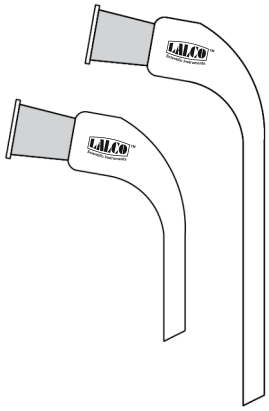
GW14

RECEIVER ADAPTERS

GW15 RECEIVER DELIVERY ADAPTER 'LALCO'

Plain bend short / **Long** bend

Cat. No.	Socket	Price/Pcs.
GW15/02	B14	95.00
GW15/03	B19	120.00
GW15/04	B24	140.00
GW15/05	B29	160.00
GW15/06	B34	220.00

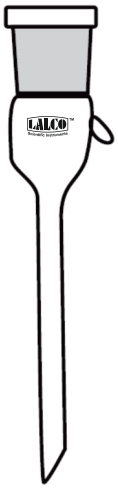


GW15

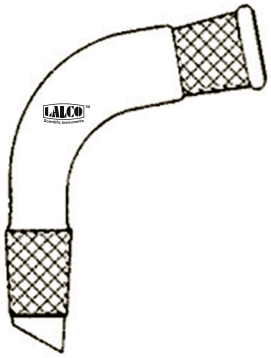
GW17 RECEIVER ADAPTER 'LALCO'

Straight delivery

Cat. No.	Socket	Price/Pcs.
GW17/02	B14	95.00
GW17/03	B19	175.00
GW17/04	B24	135.00
GW17/05	B29	135.00
GW17/06	B34	195.00



GW17

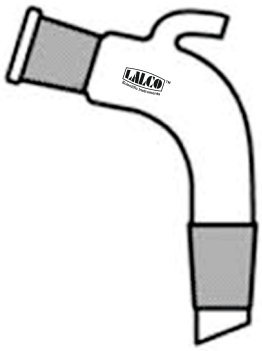


GW18

GW18 RECEIVER ADAPTER 'LALCO'

Plain bend socket to cone

Cat. No.	Socket	Cone	Price/Pcs.
GW18/02	B14	B14	150.00
GW18/03	B19	B19	170.00
GW18/04	B19	B24	190.00
GW18/05	B24	B24	120.00
GW18/06	B29	B29	270.00
GW18/07	B34	B34	320.00

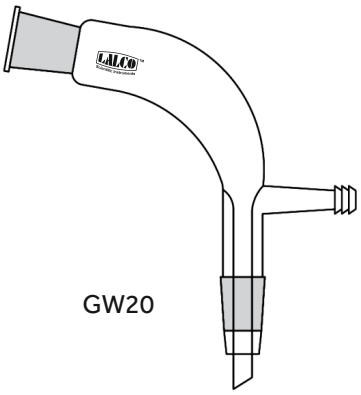


GW19

GW19 RECEIVER ADAPTER 'LALCO'

Bend with vent

Cat. No.	Socket	Cone	Price/Pcs.
GW19/02	B14	B14	190.00
GW19/03	B19	B19	210.00
GW19/04	B19	B24	220.00
GW19/05	B24	B24	260.00
GW19/07	B29	B29	300.00
GW19/08	B34	B34	350.00

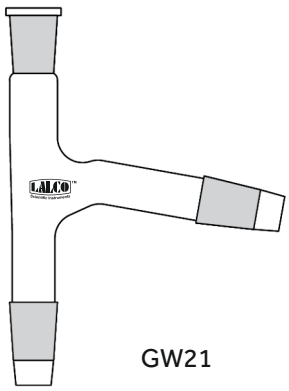


GW20

GW20 RECEIVER ADAPTER 'LALCO'

Bend with vacuum connection **(VACUUM BEND)**

Cat. No.	Socket	Cone	Price/Pcs.
GW20/01	B14	B14	180.00
GW20/03	B19	B19	210.00
GW20/04	B19	B24	230.00
GW20/05	B24	B24	260.00
GW20/06	B29	B29	340.00
GW20/07	B34	B34	390.00



GW21

STILL HEADS, RECOVERY BEND VERTICAL

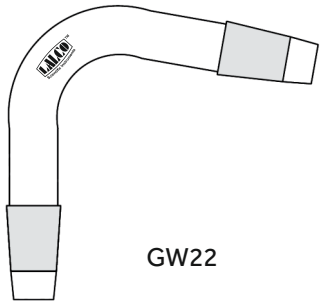
GW21 STILL HEAD, PLAIN WITH THERMOMETER SOCKET, SLOPING 'LALCO'

Cat. No.	Socket	Cone	Price/Pcs.
GW21/01	B14	B14	210.00
GW21/02	B19	B19	230.00
GW21/03	B24	B19	270.00
GW21/04	B24	B24	290.00
GW21/05	B34	B34	380.00

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GW22 RECOVERY BEND SLOPING 'LALCO'

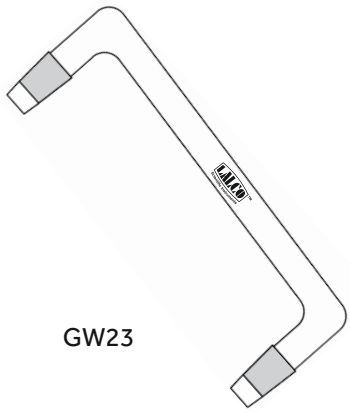
Cat. No.	Flask Cone	Condenser Cone	Price/Pcs.
GW22/01	B14	B14	140.00
GW22/02	B19	B19	160.00
GW22/03	B24	B14	180.00
GW22/04	B24	B19	200.00
GW22/05	B24	B24	220.00
GW22/06	B29	B19	240.00
GW22/07	B29	B24	260.00
GW22/08	B29	B29	280.00
GW22/09	B34	B24	300.00
GW22/10	B34	B34	350.00



GW22

GW23 RECOVERY BEND VERTICAL 'LALCO'

Cat. No.	Flask Cone	Condenser Cone	Price/Pcs.
GW23/01	B14	B14	190.00
GW23/02	B19	B19	220.00
GW23/03	B24	B14	265.00
GW23/04	B24	B24	310.00
GW23/05	B34	B34	450.00



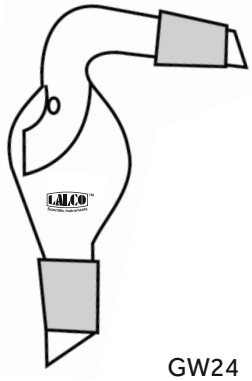
GW23

SPALASH HEAD ADAPTER

GW24 SPLASH HEAD 'LALCO'

Pear shape sloping

Cat. No.	Flash Cone	Condenser Cone	Price/Pcs.
GW24/01	B19	B19	330.00
GW24/02	B24	B19	350.00
GW24/03	B24	B24	390.00
GW24/04	B29	B24	430.00
GW24/05	B34	B24	490.00

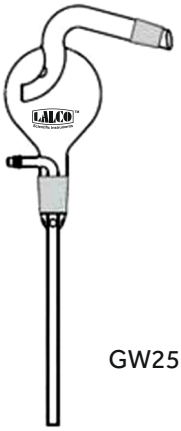


GW24

GW25 STEAM DISTILLATION HEAD 'LALCO'

Pear shape sloping

Cat. No.	Flask Cone	Condenser Cone	Price/Pcs.
GW25/02	B24	B19	450.00
GW25/03	B24	B24	470.00
GW25/04	B29	B29	490.00

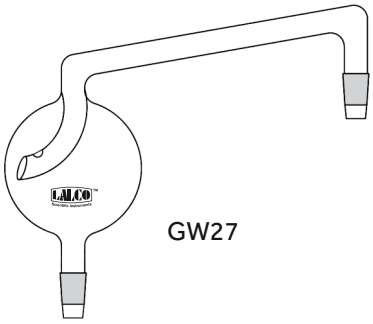


GW25


GW26

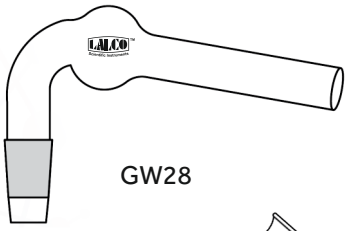
GW26 SPLASH HEAD ADAPTER, PEAR SHAPE STRAIGHT 'LALCO'

Cat. No.	Flash Cone	Condenser Cone	Price/Pcs.
GW26/01	B24	B24	330.00
GW26/02	B24	B19	350.00


GW27

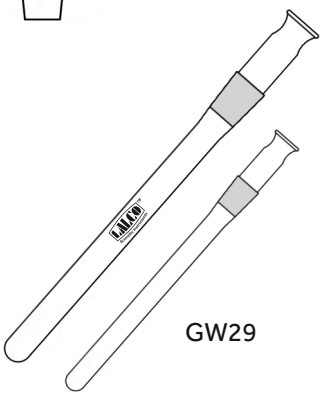
GW27 SPLASH HEAD PEAR SHAPE, VERTICAL 'LALCO'

Cat. No.	Flash Cone	Condenser Cone	Price/Pcs.
GW27/01	B19	B19	360.00
GW27/02	B24	B19	390.00
GW27/03	B24	B24	430.00
GW27/04	B29	B24	470.00
GW27/05	B34	B24	520.00


GW28

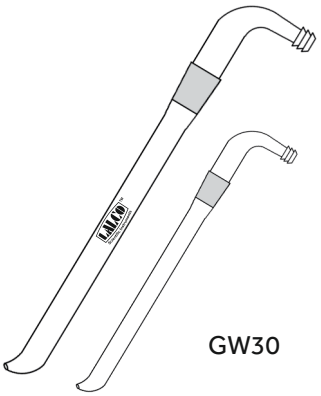
GW28 DRYING TUBE / GUARD TUBE WITH (CONE) 'LALCO'

Cat. No.	Cone	Price/Pcs.
GW28/01	B19	130.00
GW28/02	B24	140.00
GW28/03	B24	170.00


GW29

GW29 THERMOMETER POCKET FOR FLASKS

Cat. No.	Joint Size	Flask Cap. (ml)	Price/Pcs.
GW29/01	B14	25/50/100	140.00
GW29/02	B14	250	170.00
GW29/03	B19	100/250	170.00
GW29/04	B19	500/1000	210.00
GW29/05	B19	2000	230.00
GW29/06	B24	250/500/1000/2000	230.00
GW29/07	B24	3000/5000	270.00
GW29/08	B34	10 Ltrs./20 Ltrs.	370.00


GW30

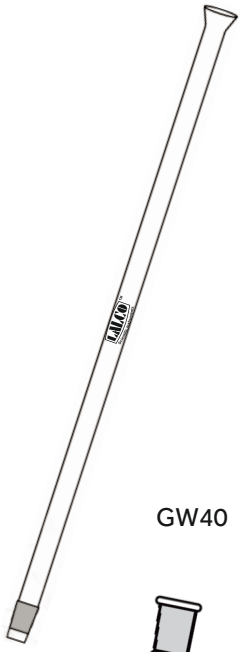
GW30 GAS PASSING TUBES FOR FLASKS

Cat. No.	Joint Size	Flask Cap. (ml)	Price/Pcs.
GW30/01	B14	25/50/100/250	200.00
GW30/02	B19	100/250/500	230.00
GW30/03	B19	1000	250.00
GW30/04	B24	250/500	270.00
GW30/05	B24	1000	310.00
GW30/06	B24	2000	340.00
GW30/07	B24	3000/5000	370.00
GW30/08	B34	500/1000/2000/3000/5000	450.00

CONDENSERS WITH GROUND JOINTS

GW40 AIR CONDENSER 'LALCO'

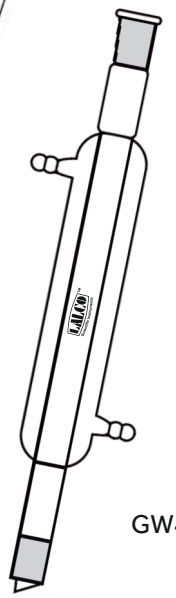
Cat. No.	Cone	Effective Length mm	Price/Pcs.
GW40/02	B19	200	200.00
GW40/03	B24	300	250.00
GW40/04	B19	400	275.00
GW40/05	B24	500	300.00
GW40/06	B29	500	390.00
GW40/07	B24	600	390.00
GW40/08	B24	750	450.00



GW40

GW41 LIEBIG CONDENSER 'LALCO'

Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW41/01	B14	B14	150	250.00
GW41/02	B19	B19	200	320.00
GW41/03	B19	B19	300	350.00
GW41/04	B24	B24	300	400.00
GW41/05	B24	B24	400	500.00
GW41/06	B24	B24	500	550.00
GW41/07	B24	B24	600	650.00
GW41/08	B29	B29	300	550.00
GW41/09	B29	B29	400	650.00
GW41/10	B34	B34	400	900.00
GW41/11	B34	B34	600	1150.00

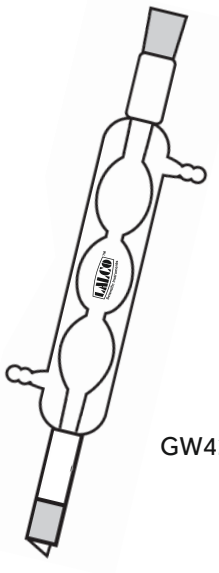


GW41

GW42 ALLIHN CONDENSER'LALCO'

(Bulb Condenser) with cone & socket

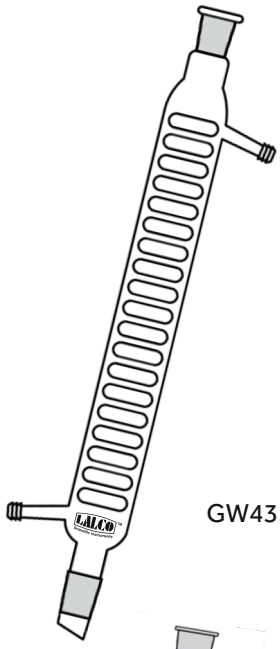
Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW42/01	B19	B19	200	490.00
GW42/02	B19	B19	300	560.00
GW42/03	B24	B24	200	540.00
GW42/04	B24	B24	300	490.00
GW42/05	B24	B24	400	750.00
GW42/06	B29	B29	300	730.00
GW42/07	B29	B29	400	950.00
GW42/08	B34	B34	400	1100.00
GW42/09	B34	B34	500	1250.00



GW42

GW43 COIL CONDENSER (JACKETED) 'LALCO'

Graham with cone & socket, Jacket distillate type

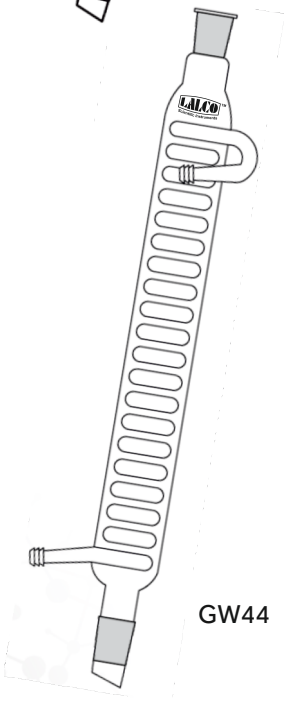


GW43

Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW43/01	B14	B14	150	550.00
GW43/02	B19	B19	200	590.00
GW43/03	B24	B24	200	620.00
GW43/04	B19	B19	300	650.00
GW43/05	B24	B24	300	750.00
GW43/06	B24	B24	400	850.00
GW43/07	B24	B24	500	900.00
GW43/08	B29	B29	300	1100.00
GW43/09	B29	B29	400	1250.00
GW43/10	B29	B29	500	1850.00
GW43/11	B34	B34	500	2000.00
GW43/12	B34	B34	600	2750.00

GW44 COIL CONDENSER (COIL) 'LALCO'

Graham with cone & socket, Coil distillate type

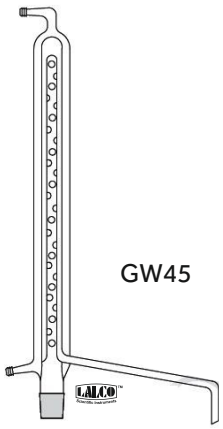


GW44

Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW44/01	B14	B14	150	550.00
GW44/02	B19	B19	200	590.00
GW44/03	B24	B24	200	620.00
GW44/04	B19	B19	300	650.00
GW44/05	B24	B24	300	750.00
GW44/06	B24	B24	400	850.00
GW44/07	B24	B24	500	900.00
GW44/08	B29	B29	300	1100.00
GW44/09	B29	B29	400	1250.00
GW44/10	B29	B29	500	1850.00
GW44/11	B34	B34	500	2000.00
GW44/12	B34	B34	600	2750.00

GW45 CONDENSER DOUBLE COIL-VERTICAL 'LALCO'

For Water Distillation



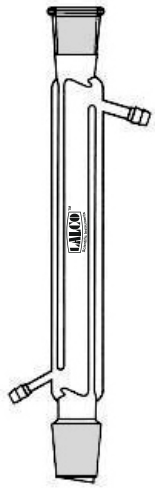
GW45

Cat. No.	Cone Joint	Jacket Length (mm)	Price/Pcs.
GW45/01	B24	300	3480.00
GW45/02	B24	375	3860.00
GW45/03	B34	450	4375.00
GW45/04	B55	300	5120.00
GW45/05	B55	375	5920.00
GW45/06	B55	450	6865.00

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GW46 CONDENSERS, DAVIES (DOUBLE SURFACE) 'LALCO'

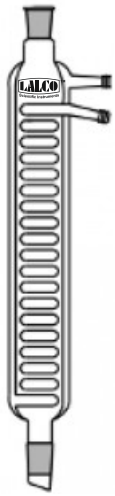
Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW46/01	B19	B19	150	720.00
GW46/02	B19	B19	200	770.00
GW46/03	B24	B24	300	1030.00
GW46/04	B24	B24	400	1630.00
GW46/05	B24	B24	600	2060.00
GW46/06	B29	B29	300	1240.00
GW46/07	B29	B29	400	1720.00
GW46/08	B29	B29	600	2290.00
GW46/09	B34	B34	500	1930.00
GW46/10	B34	B34	600	2390.00



GW46

GW47 CONDENSERS, JACKETED COIL (DOUBLE) 'LALCO'

Cat. No.	Socket	Cone	Effective Length mm	Price/Pcs.
GW47/01	B19	B19	150	1050.00
GW47/02	B19	B19	200	1150.00
GW47/03	B24	B24	300	1290.00
GW47/04	B24	B24	400	2440.00
GW47/05	B24	B24	600	3090.00
GW47/06	B29	B29	300	1850.00
GW47/07	B29	B29	400	2490.00
GW47/08	B29	B29	600	3530.00
GW47/09	B34	B34	500	3410.00
GW47/10	B34	B34	600	3590.00



GW47

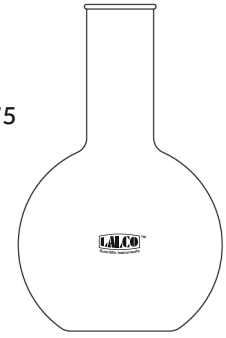
FLASKS

GW75 FLASKS - ROUND BOTTOM / FLAT BOTTOM - PLAIN NECK 'LALCO'

Cat. No.	Capacity (ml)	Price/Pcs.
GW75/01	25	90.00
GW75/02	50	120.00
GW75/03	100	130.00
GW75/04	150	150.00
GW75/05	250	170.00
GW75/06	500	270.00
GW75/07	1000	400.00
GW75/08	2000	1090.00
GW75/09	3000	2650.00
GW75/10	5000	2950.00
GW75/11	10000	6050.00
GW75/12	20000	10500.00



GW75



GW76 FLASK ROUND BOTTOM OR FLAT BOTTOM 'LALCO'

SINGLE NECK with joint

Cat. No.	Socket	Flask Cap. ml	Price/Pcs.
GW76/04	B14	25	130.00
GW76/05	B14	50	150.00
GW76/06	B14	100	170.00
GW76/07	B19	50	160.00
GW76/08	B24	50	160.00
GW76/09	B19	100	170.00
GW76/10	B19	150	190.00
GW76/11	B19	250	210.00
GW76/12	B24	100	170.00
GW76/13	B24	150	190.00
GW76/14	B24	250	210.00
GW76/15	B29	250	210.00
GW76/16	B34	250	210.00
GW76/17	B24	500	300.00
GW76/18	B29	500	300.00
GW76/19	B24	1000	425.00
GW76/20	B24	2000	1150.00
GW76/21	B24	3000	2050.00
GW76/22	B29	1000	425.00
GW76/23	B34	1000	425.00
GW76/24	B34	2000	1150.00
GW76/25	B29	3000	2050.00
GW76/26	B34	3000	2050.00
GW76/27	B24	5000	3150.00
GW76/28	B34	5000	3150.00
GW76/29	B40	5000	3150.00
GW76/30	B55	5000	3150.00
GW76/31	B34	10000	6200.00
GW76/32	B40	10000	6200.00
GW76/33	B50	10000	6200.00
GW76/34	B55	10000	6200.00
GW76/35	B34	20000	11500.00
GW76/36	B40	20000	11500.00
GW76/37	B50	20000	11500.00
GW76/38	B55	20000	11500.00
GW76/39	B55	50000	37500.00



GW76

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GW77 FLASK ROUND BOTTOM 'LALCO'

TWO NECK, centre neck and one side neck (Parallel or Angle side neck)

Cat. No.	Flask Cap. ml	Centre Socket	Side Socket	Price/Pcs.
GW77/01	25	B14	B14	220.00
GW77/02	50	B19	B14	250.00
GW77/03	100	B24	B19	300.00
GW77/04	250	B19	B14	320.00
GW77/05	250	B24	B14	320.00
GW77/06	250	B24	B19	320.00
GW77/07	500	B24	B14	450.00
GW77/08	500	B24	B19	450.00
GW77/09	500	B24	B24	450.00
GW77/10	1000	B24	B14	690.00
GW77/11	1000	B24	B19	690.00
GW77/12	1000	B24	B24	690.00
GW77/13	1000	B34	B19	690.00
GW77/14	1000	B34	B24	690.00
GW77/15	2000	B24	B14	1450.00
GW77/16	2000	B24	B19	1450.00
GW77/17	2000	B24	B24	1450.00
GW77/18	2000	B34	B19	1450.00
GW77/19	2000	B34	B24	1450.00
GW77/20	3000	B24	B19	2650.00
GW77/21	3000	B34	B24	2650.00
GW77/22	5000	B34	B19	3800.00
GW77/23	5000	B34	B24	3800.00
GW77/24	5000	B55	B24	3800.00
GW77/25	10000	B34	B24	7050.00
GW77/26	10000	B55	B24	7050.00
GW77/27	20000	B34	B24	11900.00
GW77/28	20000	B55	B24	11900.00
GW77/29	50000	B55	B24	38500.00



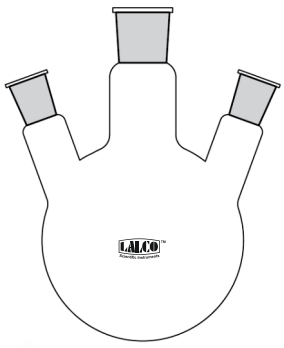


GW77

GW79 FLASK ROUND BOTTOM 'LALCO'

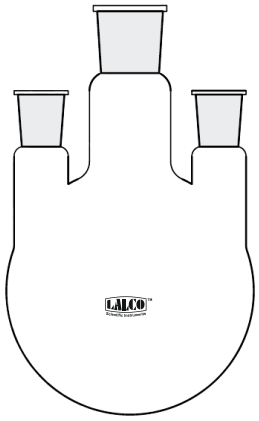
THREE NECKS, centre neck and two side neck (Parallel or Angle side neck)

Cat. No.	Flask Cap. ml	Centre Socket	Side Socket	Price/Pcs.
GW79/01	25	B19	B14	280.00
GW79/02	50	B19	B14	300.00
GW79/03	100	B24	B19	330.00
GW79/04	250	B19	B14	430.00
GW79/05	250	B19	B19	430.00
GW79/06	250	B24	B14	430.00
GW79/07	250	B24	B19	430.00



GW79

Cat. No.	Flask Cap. ml	Centre Socket	Side Socket	Price/Pcs.
GW79/08	250	B29	B14	330.00
GW79/09	500	B24	B14	650.00
GW79/10	500	B24	B19	650.00
GW79/11	500	B29	B14	650.00
GW79/12	500	B29	B19	650.00
GW79/13	1000	B24	B14	880.00
GW79/14	1000	B24	B19	880.00
GW79/15	1000	B24	B24	880.00
GW79/16	1000	B34	B19	880.00
GW79/17	1000	B34	B24	880.00
GW79/18	2000	B24	B19	1550.00
GW79/19	2000	B24	B24	1550.00
GW79/20	2000	B34	B19	1550.00
GW79/21	2000	B34	B24	1550.00
GW79/22	3000	B34	B19	3400.00
GW79/23	3000	B34	B24	3400.00
GW79/24	5000	B34	B19	4650.00
GW79/25	5000	B34	B24	4650.00
GW79/26	5000	B45	B24	4650.00
GW79/27	5000	B55	B24	4650.00
GW79/28	10000	B34	B24	8200.00
GW79/29	10000	B45	B24	8200.00
GW79/30	10000	B55	B24	8200.00
GW79/31	20000	B34	B24	14500.00
GW79/32	20000	B55	B24	14500.00
GW79/33	20000	B55	B34	14500.00
GW79/34	50000	B55	B34	40000.00

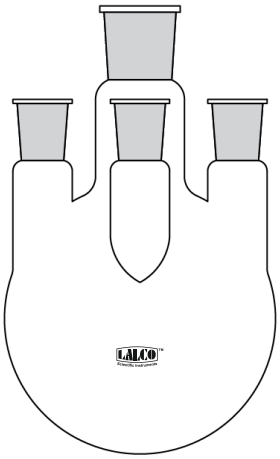


GW79

GW81 FLASK ROUND BOTTOM 'LALCO'

FOUR NECKS, centre neck and two side neck (Parallel or Angle side neck)

Cat. No.	Flask Cap. ml	Centre Socket	Side Socket	Price/Pcs.
GW81/01	100	B24	B19	650.00
GW81/02	250	B24	B19 or 24	650.00
GW81/03	250	B29 or 34	B19 or 24	650.00
GW81/04	500	B24	B19 or 24	900.00
GW81/05	500	B29 or 34	B19 or 24	900.00
GW81/06	1000	B24	B19 or 24	1150.00
GW81/07	1000	B29 or 34	B24	1150.00
GW81/08	2000	B24	B24	1850.00
GW81/09	2000	B29 or 34	B24	1850.00
GW81/10	3000	B34	B24	3700.00
GW81/11	5000	B34	B24	5500.00
GW81/12	10000	B34	B24	9500.00
GW81/13	10000	B55	B34	9500.00
GW81/14	20000	B34	B24	15500.00
GW81/15	20000	B55	B34	15500.00
GW81/16	50000	B55	B34	42000.00



GW81

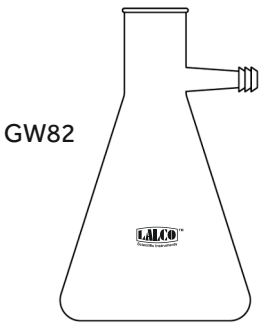
LABORATORY GLASSWARE

(While placing order please mention the size the size of the centre socket and side socketand whether at angle or parallel)

GW82 FILTER (BUCHNER) FLASK 'LALCO'

Heavy wall, bolt neck with tubulation

Cat. No.	Flask Cap. ml	Price/Pcs.
GW82/01	50	200.00
GW82/02	100	300.00
GW82/03	250	450.00
GW82/04	500	550.00
GW82/05	1000	950.00
GW82/06	2000	1750.00
GW82/07	5000	6000.00
GW82/08	10000*	10500.00
GW82/09	20000*	16500.00



GW83 FLASK KJELDHAL'LALCO' WITH SOCKET

Cat. No.	Flask Cap. ml	Socket Size	Price/Pcs.
GW83/01	100	B24	270.00
GW83/02	300	B24	390.00
GW83/03	500	B24	650.00
GW83/04	800	B24	750.00



GW84 FLASK KJELDHAL'LALCO' PLAIN - LONG NECK

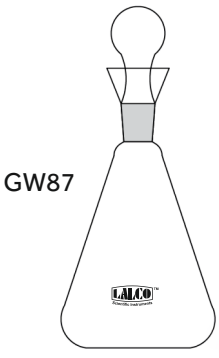
Cat. No.	Flask Cap. ml	Socket Size	Price/Pcs.
GW84/01	100	B24	220.00
GW84/02	300	B24	340.00
GW84/03	500	B24	600.00
GW84/04	800	B24	700.00



GW87 FLASK IODINE 'LALCO'

Funnel shaped cup with stopper

Cat. No.	Flask Cap. ml	Price/Pcs.
GW87/01	100	250.00
GW87/02	250	300.00
GW87/03	500	350.00
Spare Stopper		150.00



GW91 FLASK TILT MEASURING WITH RESERVOIR 'LALCO'

Cat. No.	Measuring Cap. ml	Flask Capacity ml	Price/Pcs.
GW91/01	5	250	650.00
GW91/02	10	250	650.00
GW91/03	20	500	710.00
GW91/04	25	500	710.00



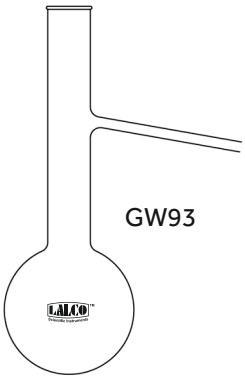


GW92

GW92 FLASK PEAR SHAPE 'LALCO'

Two neck, side neck at angle

Cat. No.	Flask Cap. ml	Socket Size	Price/Pcs.
GW92/01	10	B14	120.00
GW92/02	25	B14	150.00
GW92/03	50	B14	200.00
GW92/04	100	B24	265.00

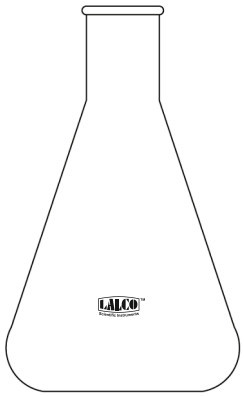


GW93

GW93 DISTILLATION FLASK, ROUND BOTTOM 'LALCO'

With side tube at angle

Cat. No.	Flask Cap. ml	Price/Pcs.
GW93/01	100	230.00
GW93/02	125	250.00
GW93/03	250	300.00
GW93/04	500	350.00
GW93/05	1000	500.00

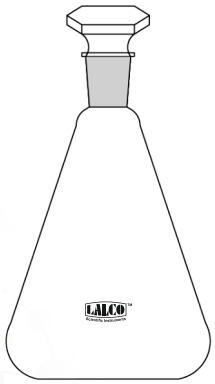


GW94

GW94 FLASK CONICAL (ERLENMEYER) 'LALCO'

Narrow mouth graduated

Cat. No.	Capacity ml	Graduation Interval ml	Price/Pcs.
GW94/01	10	5	50.00
GW94/02	25	5	55.00
GW94/03	50	10	60.00
GW94/04	100	25	75.00
GW94/05	150	25	90.00
GW94/06	250	50	120.00
GW94/07	500	100	160.00
GW94/08	1000	200	300.00
GW94/09	2000	200	720.00
GW94/10	5000	-	2300.00



GW95

GW95 FLASK CONICAL WITH STOPPER 'LALCO'

Cat. No.	Capacity ml	Stopper Size	Price/Pcs.
GW95/01	25	B14	130.00
GW95/02	50	B19	150.00
GW95/03	100	B24	180.00
GW95/04	250	B24	220.00
GW95/05	500	B24	310.00
GW95/06	1000	B24	600.00
GW95/07	2000	B34	1190.00

GW97 LECHATELIER FLASK 'LALCO' 1600.00

For Sp. Gr. Test, Bulb Capacity approx. 250ml. neck graduation from 0 to 1ml. and 18 to 24ml. in 0.1ml.

GW98 FLASK REACTION VESSEL 'LALCO'

Wide Mouth, Flat Flange 100mm I.D., 150mm O.D.

Cat. No.	Capacity ml	Price/Pcs.
GW98/01	1000	1820.00
GW98/02	2000	2200.00
GW98/03	3000	3600.00
GW98/04	5000	4850.00
GW98/05	10000	9800.00
GW98/06	20000	16600.00

GW98A LIDS FOR REACTION VESSEL 'LALCO'

Flat Flange 100mm I.D., 150mm O.D.

Cat. No.	No. of Necks	Price/Pcs.
GW98A/01	1	2900.00
GW98A/02	2	3200.00
GW98A/03	3	3500.00
GW98A/04	4	3800.00
GW98A/05	5	4100.00

GW99 FLASK REACTION KETTLE 'LALCO'

Wide Mouth, Flat Flange 100mm I.D., 150mm O.D.

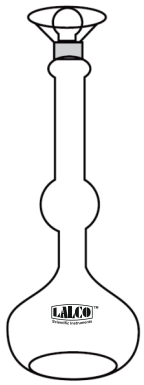
Cat. No.	Capacity ml	Inner Dia (mm)	Height (mm)	Price/Pcs.
GW99/01	500	77	140	3400.00
GW99/02	1000	105	150	4150.00
GW99/03	2000	140	200	5000.00
GW99/04	3000	155	210	6470.00
GW99/05	4000	155	280	6300.00
GW99/06	5000	155	350	6450.00

GW99A LIDS FOR REACTION KETTLE 'LALCO'

Flat Flange 100mm I.D., 150mm O.D.

Cat. No.	Capacity ml	Price/Pcs.
GW99A/01	500	3000.00
GW99A/02	1000	3000.00
GW99A/03	2000	3300.00
GW99A/04	3000	3300.00
GW99A/05	4000	3300.00
GW99A/06	5000	3600.00

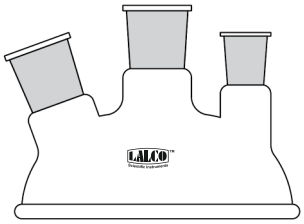
LALCO™ Scientific Instruments



GW97



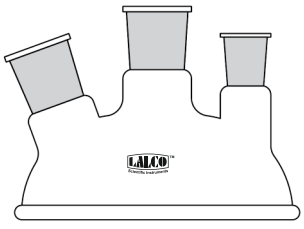
GW98



GW98A

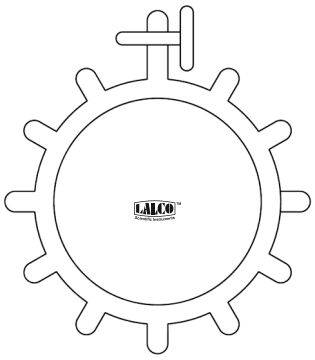


GW99



GW99A

GW100 S.S. CLIPS FOR REACTION VESSEL & KETTLE 'LALCO'



GW100

Cat. No.	Capacity ml	Price/Pcs.
GW100/01	500	850.00
GW100/02	1000 / 2000	950.00
GW100/03	3000 / 4000 / 5000	1100.00

GW100A LOCKING CLIPS (PLASTIC) FOR GROUND JOINT 'LALCO'

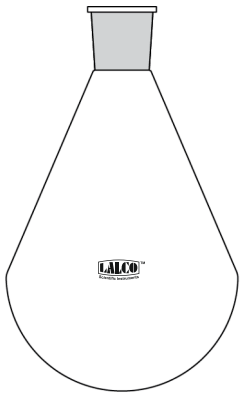


995

Cat. No.	Size	Price/Pcs.
GW100A/01	B14	35.00
GW100A/02	B19	50.00
GW100A/03	B24	60.00
GW100A/04	B29	70.00
GW100A/05	B34	85.00

GW101 TEFLON GASKETS 'LALCO' 800.00

For 100mm flat flanges.



GW102

GW102 FLASK - ROTAVAPOUR WITH GROUND JOINT 'LALCO'

Cat. No.	Capacity ml	Socket Size	Price/Pcs.
GW102/01	25	B24	260.00
GW102/02	50	B24	285.00
GW102/03	100	B29	320.00
GW102/04	250	B29	360.00
GW102/05	500	B29	510.00
GW102/06	1000	B29	770.00
GW102/07	2000	B29	1180.00
GW102/08	3000	B29	2900.00



GW103

GW103 FLASKS - RECEIVER FOR ROTAVAPOUR, WITH CUP JOINT 'LALCO'

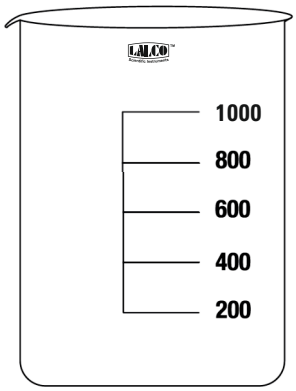
Cat. No.	Capacity ml	Neck Size	Price/Pcs.
GW103/01	50	S35	275.00
GW103/02	100	S35	295.00
GW103/03	250	S35	340.00
GW103/04	500	S35	470.00
GW103/05	1000	S35	670.00
GW103/06	2000	S35	1055.00

LALCO™ Scientific Instruments

GW104 BEAKER LOW FORM GRADUATED 'LALCO'

High Resistance to Chemical Attack

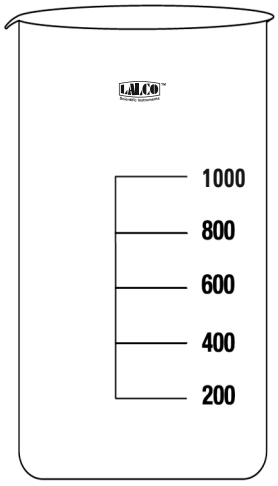
Cat. No.	Capacity ml	Price/Pcs.
GW104/01	5	50.00
GW104/02	10	55.00
GW104/03	25	60.00
GW104/04	50	65.00
GW104/05	100	70.00
GW104/06	150	80.00
GW104/07	250	90.00
GW104/08	400	160.00
GW104/09	500	160.00
GW104/10	600	180.00
GW104/11	1000	325.00
GW104/12	2000	650.00
GW104/13	3000	1690.00
GW104/14	5000	3000.00
GW104/15	10000	8400.00



GW104

GW104A BEAKER TALL FORM GRADUATED 'LALCO'

Cat. No.	Capacity ml	Price/Pcs.
GW104A/01	50	105.00
GW104A/02	100	120.00
GW104A/03	150	135.00
GW104A/04	250	135.00
GW104A/05	500	190.00
GW104A/06	1000	370.00



GW104A

GW732 STOPPERS 'LALCO'

Cat. No.	Joint Size	Hollow - Hexagonal Head Price/Pcs.	Hollow - Penny Head Price/Pcs.
GW732/01	B-10	65.00	70.00
GW732/02	B-14	70.00	80.00
GW732/03	B-19	80.00	90.00
GW732/04	B-24	90.00	100.00
GW732/05	B-29	110.00	120.00
GW732/06	B-34	140.00	145.00
GW732/07	B-45	350.00	370.00
GW732/08	B-55	430.00	450.00



GW732

SEPARATING FUNNELS

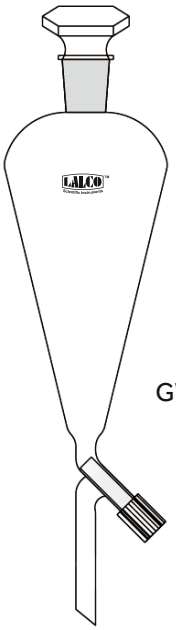


GW105

GW105 SEPARATING FUNNEL WITH GLASS STOPCOCK 'LALCO'

Interchangeable Glass Stopper, conical / pear shape with plain steam

Cat. No.	Capacity ml	Price/Pcs.
GW105/01	25/30	310.00
GW105/02	50/60	320.00
GW105/03	100/125	390.00
GW105/04	250	520.00
GW105/05	500	820.00
GW105/06	1000	1190.00
GW105/07	2000	2420.00
GW105/08	5000	9780.00
GW105/09	10000	9380.00



GW106

GW106 SEPARATING FUNNEL WITH SCREW TYPE 'LALCO'

P.T.F.E. Rotaflow Stopcock, interchangeable stopper, conical/ pear shape with plain steam

Cat. No.	Capacity ml	Price/Pcs.
GW106/01	25/30	300.00
GW106/02	50/60	315.00
GW106/03	100/125	380.00
GW106/04	250	510.00
GW106/05	500	810.00
GW106/06	1000	1170.00
GW106/07	2000	2400.00
GW106/08	5000	6760.00
GW106/09	10000	9360.00



GW107

GW107 SEPARATING FUNNEL WITH P.T.F.E. KEY 'LALCO'

P.T.F.E. Key, interchangeable stopper, conical/pear shape with plain steam

Cat. No.	Capacity ml	Price/Pcs.
GW107/01	25/30	620.00
GW107/02	50/60	655.00
GW107/03	100/125	850.00
GW107/04	250	960.00
GW107/05	500	1290.00
GW107/06	1000	1710.00
GW107/07	2000	3350.00
GW107/08	5000	7900.00
GW107/09	10000	14800.00
GW107/10	20000	18500.00

LALCO™ Scientific Instruments

GW109 FUNNEL - ADDITION / DROPPING 'LALCO'

With Screw Type **P.T.F.E. Needle Value stopcock** and stem with cone

Cat. No.	Capacity ml	Socket Size	Cone Size	Price/Pcs.
GW109/01	25	B14	B14	390.00
GW109/02	50	B19	B19	410.00
GW109/03	100	B19 or 24	B19 or 24	500.00
GW109/04	250	B19 or 24	B19 or 24	640.00
GW109/05	500	B24 or 34	B24 or 34	1070.00
GW109/06	1000	B24 or 34	B24 or 34	1820.00

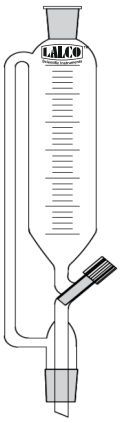


GW109

GW111 FUNNEL PRESSURE EQUALISING 'LALCO'

Cylindical with socket, **Glass Key stopcock / P.T.F.E. Rotaflow stopcock** & steam with cone - Graduated

Cat. No.	Capacity ml	Socket Size	Cone Size	Price/Pcs.
GW111/01	50	B19	B19	640.00
GW111/02	100	B19	B19	710.00
GW111/03	250	B19	B19	855.00
GW111/04	250	B24	B24	890.00
GW111/05	500	B24	B24	1550.00
GW111/06	500	B34	B34	1630.00

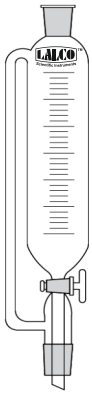


GW111

GW114 FUNNEL PRESSURE EQUALISING 'LALCO'

Cylindical with socket, **P.T.F.E. Key stopcock** & steam with cone - Graduated

Cat. No.	Capacity ml	Socket Size	Cone Size	Price/Pcs.
GW114/01	50	B19	B19	870.00
GW114/02	100	B19	B19	1090.00
GW114/03	250	B19	B19	1320.00
GW114/04	250	B24	B24	1390.00
GW114/05	500	B24	B24	2090.00
GW114/06	500	B34	B34	2150.00

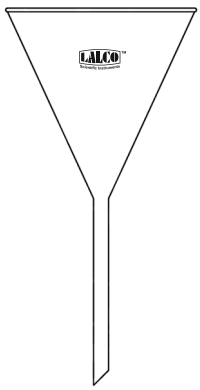


GW114

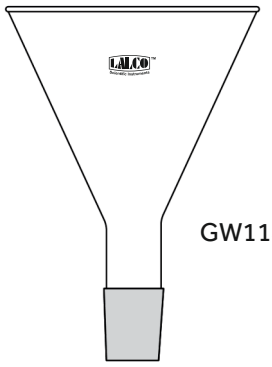
GW116 FUNNEL FILTER, PLAIN 'LALCO'

60 degree angle with stem

Cat. No.	Diameter mm	Price/Pcs.
GW116/01	25	45.00
GW116/02	50	55.00
GW116/03	65	72.00
GW116/04	75	78.00
GW116/05	100	120.00
GW116/06	125	385.00
GW116/07	150	455.00



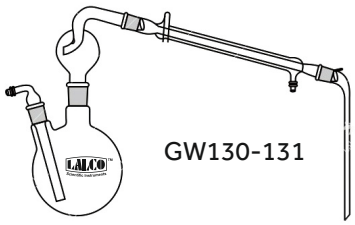
GW116



GW118 POWDER FUNNEL WITH CONE 'LALCO'

Cat. No.	Diameter mm	Cone Size	Price/Pcs.
GW118/01	50	B14	195.00
GW118/02	75	B19 or 24	230.00
GW118/03	100	B24	260.00
GW118/04	125	B24	495.00
GW118/05	150	B24 or 34	620.00

INTERCHANGEABLE DISTILLATION ASSEMBLIES



GW130 STEAM DISTILLATION ASSEMBLY 'LALCO' 2050.00

Consisting of flask R.B. 500ml. Two necked, Splash head, Air leak tube, Liebig condenser 200mm, and receiver adapter

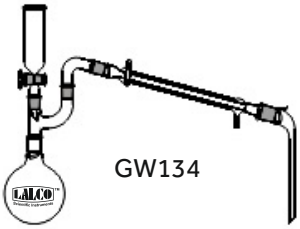


GW131 STEAM DISTILLATION ASSEMBLY 'LALCO' 2490.00

Same as cat. no.130 but capacity of flask 1000ml

GW132 STEAM DISTILLATION ASSEMBLY 'LALCO' 1590.00

consisting of flask R.B. 500ml. steam distillation head, liebig condenser 300/400mm, and receiver adapter

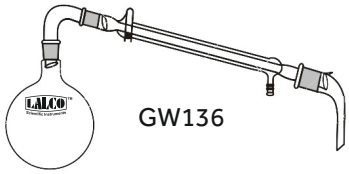


GW134 STEAM DISTILLATION ASSEMBLY 'LALCO' 1950.00

Consisting of R.B. flask 250ml, multiple Adapter two necks, liebig condenser, 300/400mm, receiver adapter and dropping funnel 100ml

GW136 DISTILLATION ASSEMBLY SIMPLE TYPE 'LALCO'

Consisting of R.B. flask, recovery bend, leibig condenser and receiver adapter.



Cat. No.	Flask Cap. ml	Condenser Effective Length (mm)	Price/Pcs.
GW136/01	250	200	1100.00
GW136/02	500	300	1350.00
GW136/03	1000	300	1590.00
GW136/04	2000	400	2420.00



GW137 DISTILLATION ASSEMBLY 'LALCO'

Consisting of R.B. flask, splash head, leibig condenser and receiver adapter.

Cat. No.	Flask Cap. ml	Condenser Effective Length (mm)	Price/Pcs.
GW137/01	1000	200	1995.00
GW137/02	2000	200	2720.00
GW137/03	3000	300	4110.00
GW137/04	5000	400	5620.00
GW137/05	10000	600	9650.00

LABORATORY GLASSWARE

GW143 REFLUX ASSEMBLY 'LALCO'

Consisting of R.B. flask and Air Condenser

Cat. No.	Flask Cap. ml	Condenser Effective Length (mm)	Price/Pcs.
GW143/01	100	500	530.00
GW143/02	250	750	550.00
GW143/03	500	1000	690.00

GW144 REFLUX ASSEMBLY 'LALCO'

Consisting of R.B. flask and Liebig Condenser

Cat. No.	Flask Cap. ml	Condenser Effective Length (mm)	Price/Pcs.
GW144/01	100	300	650.00
GW144/02	250	400	790.00
GW144/03	500	500	930.00

GW147 KJELDHAL DISTILLATION ASSEMBLY 'LALCO' 2650.00

Micro Kjeldhal Ass. Consists of Kjeldhal Flask 500ml., Multiple Adapter Two Way, Splash Head Vertical, Liebig Condenser, Receiver Adapter & Dropping Funnel 100ml.

GW149 AMMONIA DISTILLATION APPARATUS 'LALCO' 1950.00

Consists of Kjeldhal Flask, Splash Head & Graham Condenser

GW151 R M VALUE APPARATUS 'LALCO' 1850.00

With Interchangeable Joints

ARSENIC APPARATUS AND MANOMETERS

GW155 ARSENIC APPARATUS 'LALCO' 1250.00

(Silver diethyedithio carbonate method) according to I.S. specifications with interchangeable fitting

GW156 ARSENIC APPARATUS 'LALCO' 1550.00

Gutzeit modified form according to I.S. specifications with interchangeable fitting

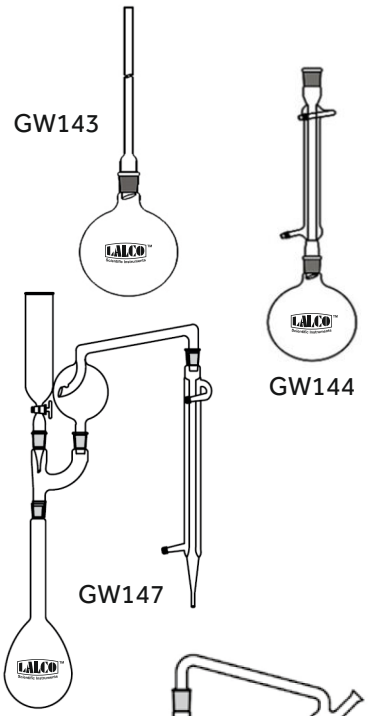
GW157 ARSENIC APPARATUS 'LALCO' 750.00

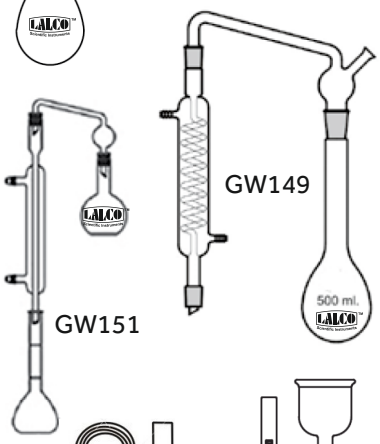
As per B.P. specifications with soda glass bottle rubber fitting

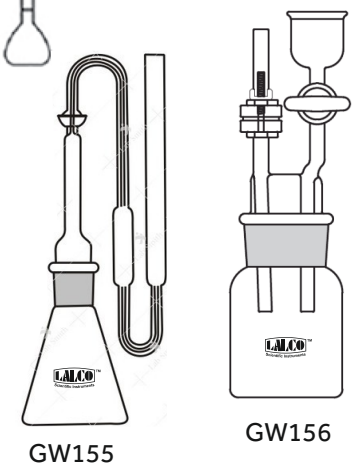
GW159 VACUSTAT (MACLEOD) 'LALCO' 13200.00

With stand, range 10mm to 0.01mm/Hg pressure (supplied w/o mercury) mercury charges extra as per time of delivery

LALCO™ Scientific Instruments

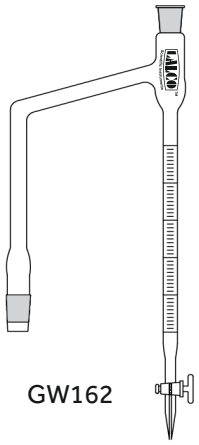








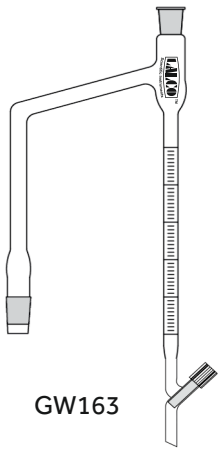
DEAN & STARK / CLEVENGAR APPARATUS


GW162

GW162 DEAN & STARK MOISTURE DETERMINATION 'LALCO'

With P.T.F.E. Rotaflow Needle Valve / Glass Stop Cock

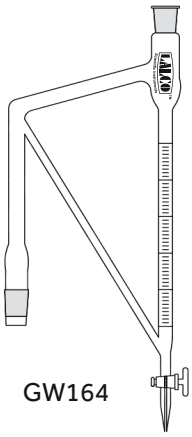
Cat. No.	Cone & Socket	Capacity ml	Price/Pcs.
GW162/01	B19	2	520.00
GW162/02	B24	5	535.00
GW162/03	B24	10	650.00
GW162/04	B24	25	910.00


GW163

GW163 DEAN & STARK MOISTURE DETERMINATION 'LALCO'

With P.T.F.E. Key Stop Cock

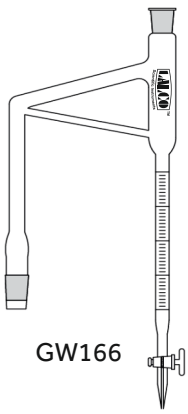
Cat. No.	Cone & Socket	Capacity ml	Price/Pcs.
GW163/01	B19	2	1075.00
GW163/02	B24	5	1075.00
GW163/03	B24	10	1100.00
GW163/04	B24	25	1150.00


GW164

GW164 CLEVENGER APPARATUS (LIGHTER THAN WATER) 'LALCO'

Receivers for Estimation of Volatile Oils Lighter than Water

Cat. No.	Cone & Socket	Capacity ml	Price/Pcs.
GW164/01	B19	2	700.00
GW164/02	B24	5	715.00
GW164/03	B24	10	820.00
GW164/04	B24	25	1170.00


GW166

GW166 CLEVENGER APPARATUS (HEAVIER THAN WATER) 'LALCO'

Receivers for Estimation of Volatile Oils Heavier than Water

Cat. No.	Cone & Socket	Capacity ml	Price/Pcs.
GW166/01	B19	2	700.00
GW166/02	B24	5	715.00
GW166/03	B24	10	820.00
GW166/04	B24	25	1170.00

Glassware : Please refer glassware R.B. Flask catalogue no. GW76

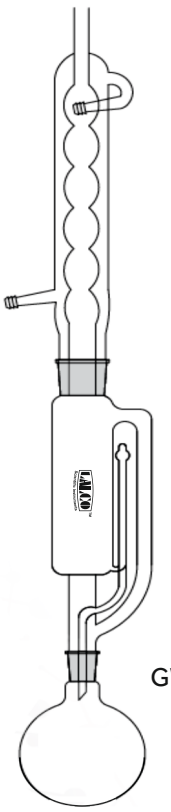
Glassware : Please refer glassware Liebig Condenser catalogue no. GW41

SOXHLET EXTRACTION APPARATUS

GW235 SOXHLET EXTRATION APPARATUS 'LALCO'

Consisting of flask extractor and condenser

Cat. No.	Extractor cap. ml	Extractor Socket	Extractor Cone	Flask Cap. ml	Price/Pcs.
GW235/01	20	B24	B19	50	1120.00
GW235/02	40	B29	B24	100	1190.00
GW235/04	60	B34	B24	150	1410.00
GW235/05	100	B34	B24	250	1450.00
GW235/07	200	B50	B24	500	2050.00
GW235/08	500	B55	B24	1000	3550.00
GW235/09	600	B55	B24	2000	6450.00
GW235/10	1000	B55	B34	3000	8350.00
GW235/11	2000	B55	B34	5000	11850.00
GW235/13	3000	B55	B34	10000	15850.00

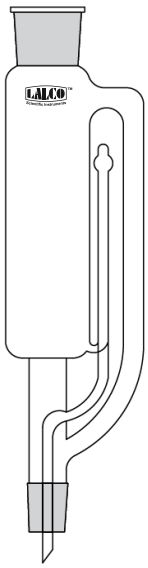


GW235

GW236 SPARE EXTRACTOR 'LALCO'

For Soxhlet apparatus

Cat. No.	Extractor cap. ml	Socket	Cone	Price/Pcs.
GW236/01	20	B24	B19	425.00
GW236/02	40	B29	B24	550.00
GW236/03	60	B34	B24	690.00
GW236/04	100	B34	B24	690.00
GW236/06	200	B50	B24	1050.00
GW236/07	500	B50	B24	1470.00
GW236/08	600	B50	B24	1690.00
GW236/09	1000	B55	B34	2590.00
GW236/10	2000	B55	B34	6290.00
GW236/12	3000	B55	B34	7490.00

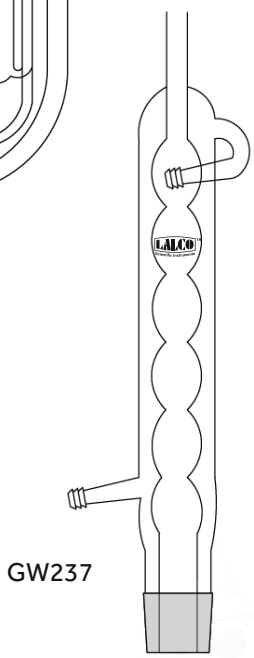


GW236

GW237 SPARE CONDENSERS 'LALCO'

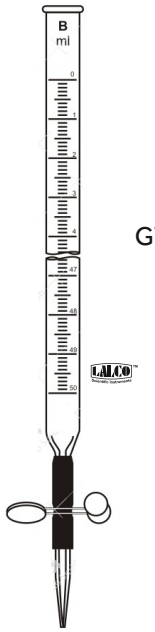
For Extraction Apparatus

Cat. No.	Capacity ml	Socket	Price/Pcs.
GW237/01	40	B34	450.00
GW237/02	60	B34	470.00
GW237/03	100	B40	650.00
GW237/04	200	B50	960.00
GW237/06	500	B55	1800.00
GW237/07	1000	B55	3120.00
GW237/08	2000	B55	4200.00



GW237

BURETTES

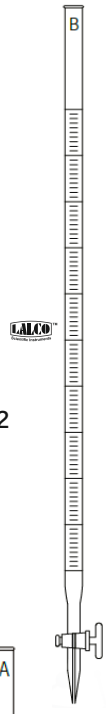


GW250

GW250 BURETTE WITH PINCH CLIP 'LALCO'

Rubber Tubing and Glass Jet. Accuracy as per **Class B** of I.S. 1997: 2008

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +- ml.	Price/Pcs.
GW250/01	10	0.05	0.05	200.00
GW250/02	25	0.10	0.10	180.00
GW250/03	50	0.10	0.10	190.00
GW250/04	100	0.20	0.20	230.00
Optional : Pinch Clip with Jet & Rubber Tubing				30.00
Pinch Clip Only				20.00

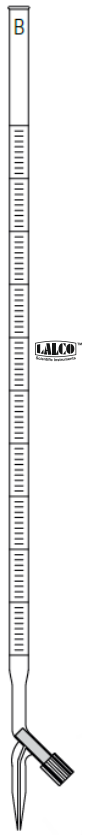


GW252

GW252 BURETTE WITH STRAIGHT BORE GLASS KEY STOP COCK 'LALCO'

Accuracy as per **Class B** of I.S.1997:2008

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW252/01	10	0.05	0.05	450.00
GW252/02	25	0.10	0.10	390.00
GW252/03	50	0.10	0.10	410.00
GW252/04	100	0.20	0.20	500.00

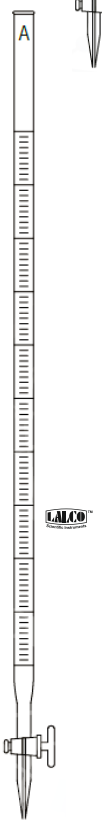


GW253

GW253 BURETTE WITH SCREW TYPE P.T.F.E. ROTAFLOW 'LALCO'

Needle Valve Stopcock Accuracy as per **Class B** of I.S.1997, ISO: 2008

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW252/01	10	0.05	0.05	260.00
GW252/02	25	0.10	0.10	250.00
GW252/03	50	0.10	0.10	300.00
GW252/04	100	0.20	0.20	350.00



GW254

GW254 BURETTE WITH STRAIGHT BORE GLASS KEY STOP COCK 'LALCO'

Accuracy as per **Class A** of I.S.1997, ISO: 385 with certificate

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW254/01	5	0.02	0.01	690.00
GW254/02	10	0.05	0.02	650.00
GW254/03	25	0.10	0.05	660.00
GW254/04	50	0.10	0.05	690.00
GW254/05	100	0.20	0.10	830.00

LABORATORY GLASSWARE

GW255 BURETTE WITH SCREW TYPE P.T.F.E. ROTA FLOW STOP COCK 'LALCO'

Accuracy as per **Class A** of I.S.1997, ISO: 385 with certificate

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW255/01	10	0.05	0.02	610.00
GW255/02	25	0.10	0.05	590.00
GW255/03	50	0.10	0.05	630.00
GW255/04	100	0.20	0.10	770.00

GW258 BURETTE WITH SCREW TYPE P.T.F.E. ROTA FLOW STOP COCK 'LALCO'

Accuracy as per **Class A** of I.S. 1997, ISO: 385, **'AMBER COLOR'** with certificate

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW258/01	10	0.05	0.03	1140.00
GW258/02	25	0.10	0.05	1120.00
GW258/03	50	0.10	0.05	1160.00
GW258/04	100	0.2	0.10	1350.00

GW270 BURETTE, AUTOMATIC ZERO 'LALCO'

Mounted on reservoir with P.T.F.E. Rotaflow / Glass Stopcock Stop Cock, (schellback) rubber bellow, accuracy as per **Class B**, of I.C. 1997:2008

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +- ml.	Price/Pcs.
GW270/01	10	0.05	0.05	3800.00
GW270/02	25	0.10	0.10	4900.00
GW270/03	50	0.10	0.10	5350.00
GW270/04	100	0.20	0.20	5650.00

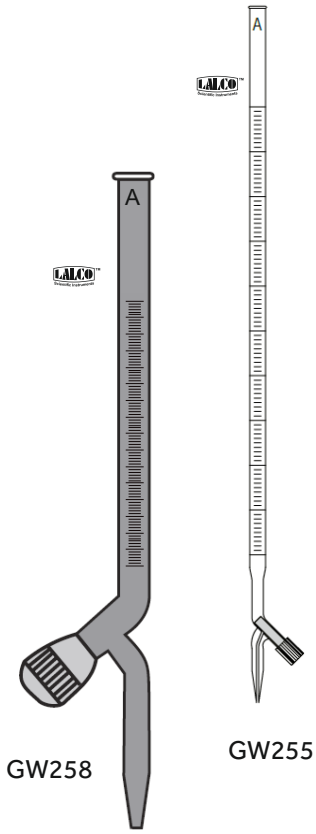
GW272 BURETTE, AUTOMATIC ZERO 'LALCO'

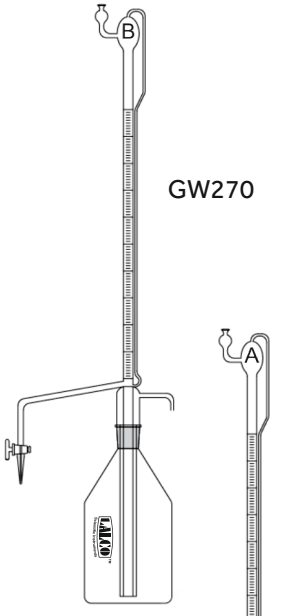
Mounted on reservoir with P.T.F.E. Rotaflow / Glass Stopcock Stop Cock, (schellback) rubber bellow, accuracy as per **Class A**, of I.S. 1997, ISO:385

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +- ml.	Price/Pcs.
GW272/01	10	0.05	0.02	5200.00
GW272/02	25	0.1	0.05	7000.00
GW272/03	50	0.1	0.05	7800.00
GW272/04	100	0.2	0.01	8400.00

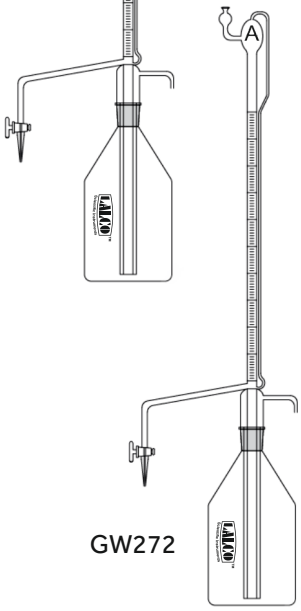
Note: Burette Automatic Zero Can be supplied w/o schellback in glass stop cock and in P.T.F.E. stop cock on request. Spares:

1) SPARE RUBBER BELLOW WITH COTTON NET FOR AUTOMATIC BURETTE	415.00
2) BURETTE CLEANING BRUSH LONG NYLONE	40.00
3) BURETTE STAND WITH CLAMP REF. CAT. NO. 101 & 103	





GW270



GW272

PIPETTES



GW280

GW280 PIPETTE VOLUMETRIC WITH ONE MARK 'LALCO'

Class B Accuracy as per I.S. 1117 : 1975

Cat. No.	Cap. ml	Tolerance +- ml.	Price/Pcs.
GW280/01	1	0.015	75.00
GW280/02	2	0.02	75.00
GW280/03	5	0.03	75.00
GW280/04	10	0.04	75.00
GW280/05	20	0.06	110.00
GW280/06	25	0.06	115.00
GW280/07	50	0.1	180.00
GW280/08	100	0.16	230.00



GW281

GW281 PIPETTE VOLUMETRIC ONE MARK 'LALCO'

With one mark **Class A**, with works certificate as per IS 1117, ISO 648

Cat. No.	Cap. ml	Tolerance +- ml.	Price/Pcs.
GW281/01	0.5*	0.006	250.00
GW281/02	1	0.007	200.00
GW281/03	2	0.01	200.00
GW281/04	2.5*	0.02	250.00
GW281/05	3*	0.02	220.00
GW281/06	4*	0.02	220.00
GW281/07	5	0.02	220.00
GW281/08	10	0.02	220.00
GW281/09	20	0.03	280.00
GW281/10	25	0.03	300.00
GW281/11	50	0.05	330.00
GW281/12	100	0.01	520.00



GW282

GW282 PIPETTE GRADUATED (MEASURING) 'LALCO'

Accuracy as per class B of I.S. 835:2007

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +- ml.	Price/Pcs.
GW282/01	0.1	0.01	0.01	80.00
GW282/02	0.2	0.01	0.01	80.00
GW282/03	0.5	0.02	0.01	80.00
GW282/04	1	0.01	0.01	80.00
GW282/05	2	0.02	0.1	80.00
GW282/06	5	0.10	0.1	80.00
GW282/07	10	0.10	0.1	80.00
GW282/08	20	0.20	0.2	115.00
GW282/09	25	0.20	0.2	120.00
GW282/10	50	0.50	0.5	180.00

LABORATORY GLASSWARE

GW284 PIPETTE GRADUATED (MEASURING) 'LALCO'

Accuracy as per **Class 'A'** with works certificate of IS 4162,

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Price/Pcs.
GW284/01	0.1	0.01	0.006	240.00
GW284/02	0.2	0.01	0.006	240.00
GW284/03	1	0.01	0.006	240.00
GW284/05	2	0.02	0.01	240.00
GW284/07	5	0.05	0.03	240.00
GW284/09	10	0.10	0.05	240.00
GW284/10	25	0.20	0.10	315.00



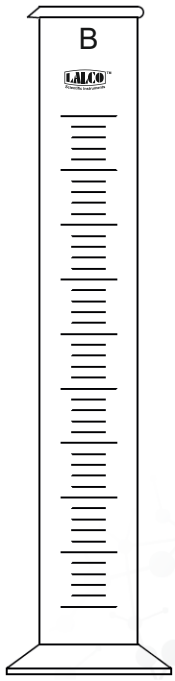
GW284

MEASURING CYLINDERS

GW295 MEASURING CYLINDER GRADUATED 'LALCO'

Class 'B' As per I.S. 878:2008

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Price/Pcs.
GW295/01	5	0.1	0.1	100.00
GW295/02	10	0.2	0.2	110.00
GW295/03	25	0.5	0.5	140.00
GW295/04	50	1.0	1.0	180.00
GW295/05	100	1.0	1.0	230.00
GW295/06	250	2.0	2.0	395.00
GW295/07	500	5.0	5.0	660.00
GW295/08	1000	10.0	10.0	1060.00
GW295/09	2000	20.0	20.0	2050.00

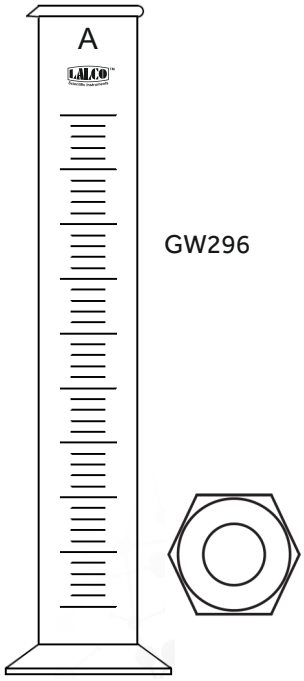


GW295

GW296 MEASURING CYLINDER 'LALCO'

Single metric scale, with pour out with **Hexagonal Base, Class 'A'** with certificate as per I.S. 878, ISO 4788

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Price/Pcs.
GW296/01	5	0.1	0.05	395.00
GW296/02	10	0.2	0.10	410.00
GW296/03	25	0.5	0.25	480.00
GW296/04	50	1.0	0.5	565.00
GW296/05	100	1.0	0.5	640.00
GW296/06	250	2.0	1.0	1045.00
GW296/07	500	5.0	2.5	1500.00
GW296/08	1000	10.0	5.0	1980.00
GW296/09	2000	20.0	10.0	3550.00

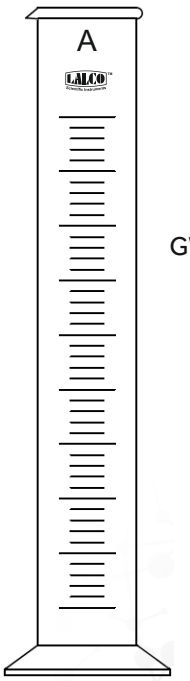


GW296

GW297 MEASURING CYLINDER 'LALCO'

Single metric scale, with pour out with **Round Base, Class 'A'** with certificate as per I.S. 878, ISO 4788

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Price/Pcs.
GW297/01	5	0.1	0.05	240.00
GW297/02	10	0.2	0.10	250.00
GW297/03	25	0.5	0.5	300.00
GW297/04	50	1.0	0.5	415.00
GW297/05	100	1.0	0.5	520.00
GW297/06	250	2.0	1.0	885.00
GW297/07	500	5.0	2.5	1235.00
GW297/08	1000	10.0	5.0	1810.00
GW297/09	2000	20.0	10.0	3120.00

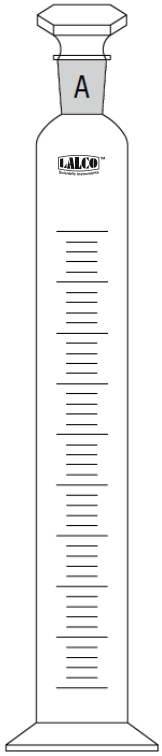


GW297

GW298 MEASURING CYLINDER STOPPERED 'LALCO'

Single metric scale, with penny head interchangeable **Stopper with Round Base, Class 'A'** with certificate as per I.S. 878, ISO 4788

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Stopper Size	Price/Pcs.
GW298/01	5	0.1	0.05	B10	360.00
GW298/02	10	0.2	0.10	B10	380.00
GW298/03	25	0.5	0.25	B14	495.00
GW298/04	50	1.0	0.5	B19	620.00
GW298/05	100	1.0	0.5	B24	715.00
GW298/06	250	2.0	1.0	B24	1110.00
GW298/07	500	5.0	2.5	B24	1665.00
GW298/08	1000	10.0	5.0	B24	2460.00
GW298/09	2000	20.0	10.0	B34	5050.00

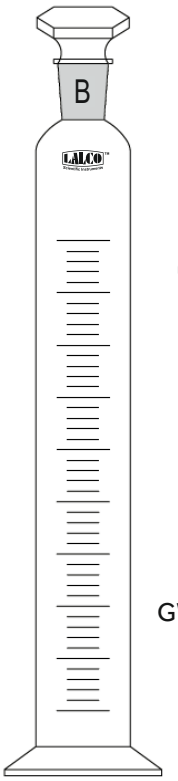


GW298

GW299 MEASURING CYLINDER STOPPERED 'LALCO'

Single metric scale, with penny head interchangeable **Stopper with Round Base, Class 'B'** with certificate as per I.S. 878 : 2008

Cat. No.	Cap. ml	Sub Div. Ml	Tolerance +-ml	Stopper Size	Price/Pcs.
GW299/01	5	0.1	0.05	B10	260.00
GW299/02	10	0.2	0.10	B10	280.00
GW299/03	25	0.5	0.25	B14	310.00
GW299/04	50	1.0	0.5	B19	350.00
GW299/05	100	1.0	0.5	B24	375.00
GW299/06	250	2.0	1.0	B24	725.00
GW299/07	500	5.0	2.5	B24	1010.00
GW299/08	1000	10.0	5.0	B24	1590.00
GW299/09	2000	20.0	10.0	B34	2590.00



GW299

LABORATORY GLASSWARE

GW300 CROW RECEIVER CYLINDER WITH STOPPER 'LALCO'

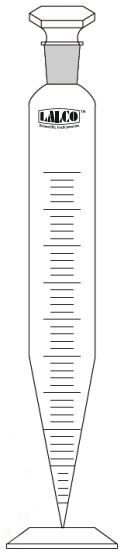
Accuracy as per **Class 'A'** with certificate

Cat. No.	Cap. ml	Tolerance +-ml	Price/Pcs.
GW300/01	25	0.04 & 0.1	530.00
GW300/02	50	0.1 & 0.2	650.00
GW300/03	100	0.2 & 0.4	830.00

GW301 CROW RECEIVER CYLINDER WITH STOPPER 'LALCO'

Accuracy as per **Class 'B'** with certificate

Cat. No.	Cap. ml	Price/Pcs.
GW301/01	25	335.00
GW301/02	50	415.00
GW301/03	100	550.00



GW300 - GW301

GW302 NESSLER CYLINDER 'LALCO'

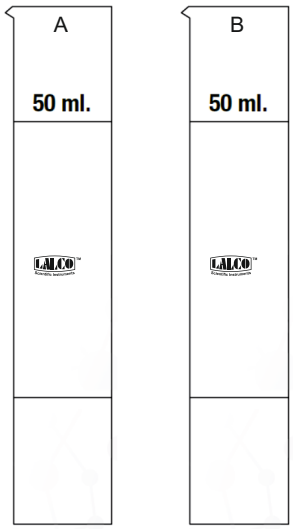
Accuracy as per **Class 'A'** with certificate

Cat. No.	Cap. ml	Sub Div. ml	Tolerance +-ml	Price/Pcs.
GW302/01	25	25 & 50	0.4	190.00
GW302/02	50	50 & 100	0.8	290.00

GW303 NESSLER CYLINDER GRADUATED CLASS 'B' 'LALCO'

As per I.S. 4161 : 1967

Cat. No.	Cap. ml	Sub Div. ml	Size	Price/Pcs.
GW303/01	50	25 & 50	26 x 150	120.00
GW303/02	100	50 & 100	34 x 180	170.00



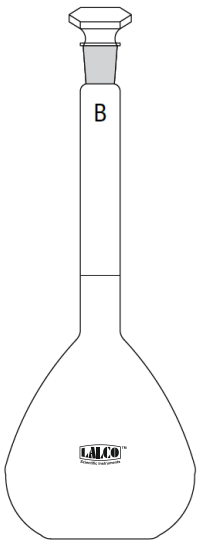
GW302 GW303

VOLUMETRIC FLASK

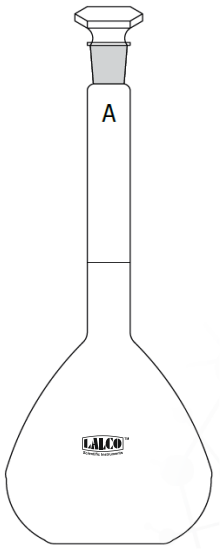
GW310 VOLUMETRIC FLASK 'LALCO'

With inter changeable stopper. accuracy as per **Class 'B'**

Cat. No.	Cap. ml	Tolerance +-ml	Stopper Size	Price/Pcs.
GW310/01	5	0.05	10/15	95.00
GW310/02	10	0.05	10/15	100.00
GW310/03	25	0.08	10/15	115.00
GW310/04	50	0.12	10/15	150.00
GW310/05	100	0.20	14/15	195.00
GW310/06	250	0.30	14/15	300.00
GW310/07	500	0.50	19/20	425.00
GW310/08	1000	0.80	19/20	650.00
GW310/09	2000	1.2	24/25	1320.00



GW310

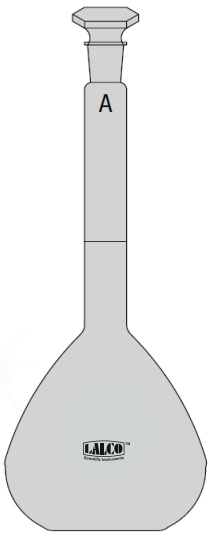


GW311

GW311 VOLUMETRIC FLASK 'LALCO'

With inter changeable stopper. cccuracy as per **Class 'A'** with certificate as per IS 915, ISO 1042

Cat. No.	Cap. ml	Tolerance +-ml	Stopper Size	Price/Pcs.
GW311/01	5	0.025	B10	190.00
GW311/02	10	0.025	B10	205.00
GW311/03	20	0.04	B10	225.00
GW311/04	25	0.04	B10	240.00
GW311/05	50	0.06	B10	295.00
GW311/06	100	0.10	B14	355.00
GW311/07	200	0.15	B14	460.00
GW311/08	250	0.15	B14	480.00
GW311/09	500	0.25	B19	840.00
GW311/10	1000	0.40	B19	1260.00
GW311/11	2000	0.60	B24	2580.00



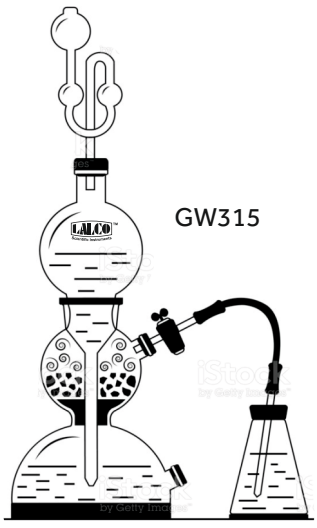
GW312

GW312 VOLUMETRIC FLASK 'LALCO'

With inter changeable stopper. accuracy as per **Class 'A'** with certificate as per IS 915, ISO 1042, **'AMBER COLOR'**

Cat. No.	Cap. ml	Tolerance +-ml	Stopper Size	Price/Pcs.
GW312/01	5	0.025	B10	395.00
GW312/02	10	0.025	B10	410.00
GW312/03	20	0.04	B10	460.00
GW312/04	25	0.04	B10	475.00
GW312/05	50	0.06	B10	580.00
GW312/06	100	0.10	B14	675.00
GW312/07	200	0.15	B14	850.00
GW312/08	250	0.15	B14	870.00
GW312/09	500	0.25	B19	1320.00
GW312/10	1000	0.40	B19	1980.00
GW312/11	2000	0.60	B24	3120.00

GW315



KIPPS APPARATUS

GW315 KIPPS APPARATUS 'LALCO'

With interchangeable joints

Cat. No.	Capacity ml.	Price/Pcs.
GW315/01	250	2600.00
GW315/02	500	3500.00
GW315/03	1000	4850.00

TUBES SCREW CAP / CENTRIFUGE / TEST TUBES

GW325 TUBES CULTURE MEDIA 'LALCO'

Round Bottom with Screw Cap and P.T.F.E. / Rubber Liner

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW325/01	5	16 x 75	35.00
GW325/02	10	16 x 125	40.00
GW325/03	15	16 x 150	45.00
GW325/04	30	25 x 100	55.00
GW325/05	50	25 x 150	60.00
GW325/06	60	25 x 200	68.00
GW325/07	100	32 x 200	140.00



GW325

GW327 TUBES CULTURE MEDIA 'LALCO'

Flat bottom with screw cap and rubber liner

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW327/01	5	16 x 50	35.00
GW327/02	10	25 x 50	45.00
GW327/03	15	25 x 57	50.00
GW327/04	30	25 x 95	55.00
GW327/05	50	25 x 150	65.00



GW327

GW331 CENTRIFUGE TUBE 'LALCO'

Conical bottom, plain

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW331/01	5	100 x 13	26.00
GW331/02	10	110 x 15	33.00
GW331/03	15	120 x 17	39.00
GW331/04	25	125 x 22	95.00
GW331/05	50	135 x 30	125.00



GW331

GW332 CENTRIFUGE TUBE 'LALCO'

Conical bottom, graduated

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW332/01	5	100 x 13	58.00
GW332/02	10	110 x 15	67.00
GW332/03	15	120 x 17	75.00
GW332/04	25	125 x 22	115.00
GW332/05	50	135 x 30	150.00



GW332



GW333 CENTRIFUGE TUBE 'LALCO'

Conical bottom, with screw cap plain

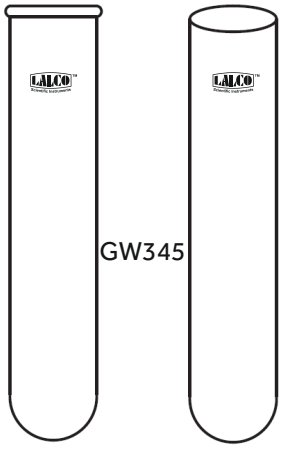
Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW333/01	10	110 x 15	80.00
GW333/02	15	120 x 17	85.00
GW333/03	50	135 x 30	170.00



GW334 CENTRIFUGE TUBE 'LALCO'

Conical bottom, with screw cap graduated

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW334/01	10	110 x 15	110.00
GW334/02	15	120 x 17	120.00
GW334/03	50	135 x 30	285.00



GW345 TEST TUBE 'LALCO'

Round Bottom with Rim or w/o Rim, Plain

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW345/01	3	10 x 75	8.00
GW345/02	5	12 x 75	8.00
GW345/03	7	12 x 100	10.00
GW345/04	10	15 x 125	14.00
GW345/05	15	15 x 150	16.00
GW345/06	25	18 x 150	18.00
GW345/07	50	25 x 150	25.00
GW345/08	75	25 x 200	34.00
GW345/09	100	32 x 200	52.00
GW345/10	175	38 x 200	60.00



GW346 TEST TUBE 'LALCO'

Round Bottom with Rim or w/o Rim **with Stopper** Graduated

Cat. No.	Cap. ml	O.D. x Length (mm)	Price/Pcs.
GW346/01	10	15 x 125	110.00
GW346/02	15	15 x 150	125.00
GW346/03	25	18 x 150	130.00
GW346/04	50	25 x 150	170.00
GW346/05	75	25 x 200	180.00
GW346/06	100	32 x 200	255.00

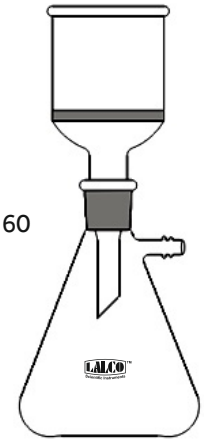
LALCO™ Scientific Instruments

FILTER APPARATUS / FILTER HOLDER

GW360 MEMBRANE FILTER HOLDER ASSEMBLY 'LALCO'

Complete with filter flask with socket and buchner funnel with sintered disc porosity G-1 or G-2 or G-3 or G-4 having cone (Please mention porosity of disc while placing order)

Cat. No.	Flask Cap. ml	Funnel Cap. ml	Price/Pcs.
GW360/01	250	80	1190.00
GW360/02	500	200	1700.00
GW360/03	1000	500	3450.00
GW360/04	2000	1000	7700.00

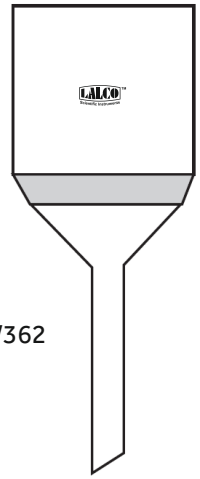


GW360

GW362 BUCHNER FUNNEL GLASS WITH SENTERED DISC 'LALCO'

Glass Funnel with Sintered Disc of Porosity G-1 or G-2 or G-3 or G-4, Plain Stem. (Please mention porosity of disc while placing order)

Cat. No.	Cap. ml	Disc Dia. mm	Price/Pcs.
GW362/01	35	30	380.00
GW362/02	80	40	750.00
GW362/03	200	65	1170.00
GW362/04	500	90	3200.00
GW362/05	1000	120	5800.00

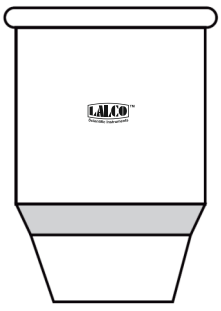


GW362

GW365 SINTERED GLASS GOOCH CRUCIBLE 'LALCO'

Crucible Dist of Porosity G-1 or G-2 or G-3 or G-4

Cat. No.	Crucible Cap. ml	Price/Pcs.
GW365/01	15	280.00
GW365/02	30	330.00
GW365/03	50	410.00

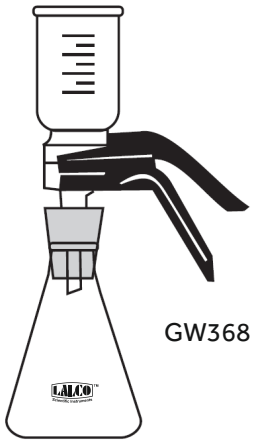


GW365

GW368 MEMBRANE FILTER HOLDER ASSEMBLY 'LALCO'

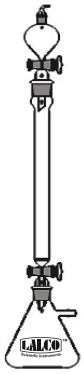
With membrane support, funnel, flask and clamp, silicone rubber cork fitting.

Cat. No.	Membrane dia (mm)	Funneel Cap. ml	Flask Cap. ml	Rubber Cone Fitting Price/pc
GW368/01	25	25	250	2600.00
GW368/02	25	50	500	2800.00
GW368/03	47	300	1000	4600.00
GW368/04	47	300	2000	5200.00



GW368

CHROMATOGRAPHIC APPARATUS



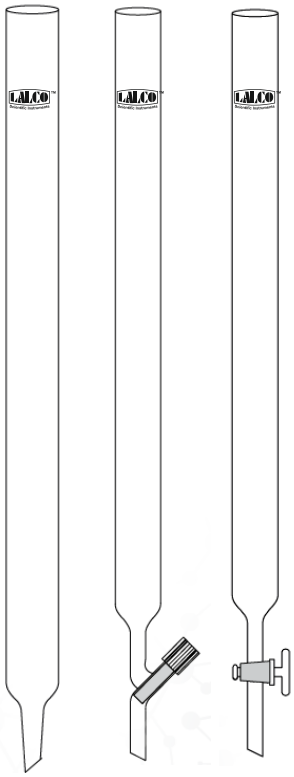
GW380



GW381



GW383



GW382

GW380 CHROMATOGRAPHY APPARATUS SEMI MICRO 'LALCO' 1950.00

consisting of funnel reservoir 50ml. Capacity with B14 cone and socket, column tube with stopcock, 12mm dia. 10mm. effective length with B14 socket, B19 cone and fused sintered disc. Filtering flask 100ml with B19 socket and tamping rod 40cm long.

GW381 CHROMATOGRAPHIC APPARATUS'LALCO' 2750.00

consisting of dropping funnel 250ml with B-19 cone, reduction adapter B-19 socket and B-24 cone, column tube 2cm. dia and 20mm, effective length with B-24 socket, B-19 cone and fused sintered disc. Adapter with stopcock, B-19 socket, B-24 cone, filtering flask 250ml, with B-24 socket and tamping rod 50cm long.

GW382 CHROMATOGRAPHY PLAIN ABSORPTION COLUMNS 'LALCO'

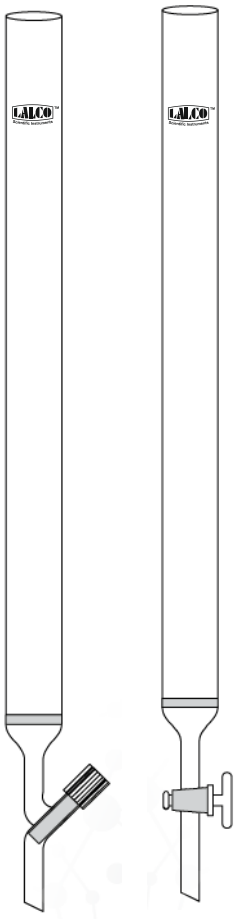
Cat. No.	Effective Length, cm	Dia. mm	Stopcock Type	Price/Pcs.
GW382/01	20	10	Without Stopcock	75.00
GW382/02	30	15	Without Stopcock	100.00
GW382/03	50	20	Without Stopcock	235.00
GW382/04	60	25	Without Stopcock	275.00
GW382/05	60	40	Without Stopcock	590.00
GW382/06	100	50	Without Stopcock	1350.00
GW382/07	20	10	Glass Stopcock	240.00
GW382/08	30	15	Glass Stopcock	260.00
GW382/09	50	20	Glass Stopcock	415.00
GW382/10	60	25	Glass Stopcock	455.00
GW382/11	60	40	Glass Stopcock	670.00
GW382/12	100	50	Glass Stopcock	1690.00
GW382/13	20	10	P.T.F.E. Needle Valve Stopcock	210.00
GW382/14	30	15	P.T.F.E. Needle Valve Stopcock	250.00
GW382/15	50	20	P.T.F.E. Needle Valve Stopcock	370.00
GW382/16	60	25	P.T.F.E. Needle Valve Stopcock	430.00
GW382/17	60	40	P.T.F.E. Needle Valve Stopcock	780.00
GW382/18	100	50	P.T.F.E. Needle Valve Stopcock	2190.00

GW383 CHROMATOGRAPHY COLUMN, WITH INTEGRAL SINTERED DISC, SOCKET CONE 'LALCO'

Cat. No.	Bore mm	Effective Length, mm	Socket Size	Cone Size	Stopcock Type	Price/Pcs.
GW383/01	10	100	B14	B19	Glass Stopcock	75.00
GW383/02	10	200	B14	B19	Glass Stopcock	100.00
GW383/03	10	300	B14	B19	Glass Stopcock	235.00
GW383/04	18	300	B24	B19	Glass Stopcock	275.00
GW383/05	18	400	B24	B19	Glass Stopcock	590.00
GW383/06	18	400	B24	B24	Glass Stopcock	1350.00

GW384 CHROMATOGRAPHY COLUMN, WITH INTEGRAL SINTERED 'LALCO'

Cat. No.	Effective Length, cm	Dia. mm	Stopcock Type	Price/Pcs.
GW384/01	15	10	Without Stopcock	290.00
GW384/02	20	15	Without Stopcock	300.00
GW384/03	30	20	Without Stopcock	310.00
GW384/04	40	20	Without Stopcock	370.00
GW384/05	40	30	Without Stopcock	535.00
GW384/06	50	30	Without Stopcock	570.00
GW384/07	50	40	Without Stopcock	890.00
GW384/08	60	40	Without Stopcock	935.00
GW384/09	100	40	Without Stopcock	1250.00
GW384/10	15	10	Glass Stopcock	480.00
GW384/11	20	15	Glass Stopcock	490.00
GW384/12	30	20	Glass Stopcock	500.00
GW384/13	40	20	Glass Stopcock	550.00
GW384/14	40	30	Glass Stopcock	650.00
GW384/15	50	30	Glass Stopcock	700.00
GW384/16	50	40	Glass Stopcock	1110.00
GW384/17	60	40	Glass Stopcock	1140.00
GW384/18	100	40	Glass Stopcock	1510.00
GW384/19	15	10	P.T.F.E. Needle Valve Stopcock	455.00
GW384/20	20	15	P.T.F.E. Needle Valve Stopcock	460.00
GW384/21	30	20	P.T.F.E. Needle Valve Stopcock	475.00
GW384/22	40	20	P.T.F.E. Needle Valve Stopcock	520.00
GW384/23	40	30	P.T.F.E. Needle Valve Stopcock	655.00
GW384/24	50	30	P.T.F.E. Needle Valve Stopcock	745.00
GW384/25	50	40	P.T.F.E. Needle Valve Stopcock	1110.00
GW384/26	60	40	P.T.F.E. Needle Valve Stopcock	1140.00
GW384/27	100	40	P.T.F.E. Needle Valve Stopcock	1510.00



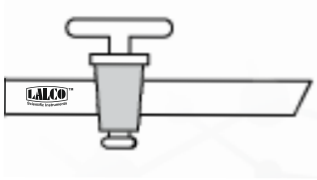
GW384

STOP COCKS

GW450 STOP COCKS STRAIGHT BORE 'LALCO'

Solid stopper plug, side tube

Cat. No.	Description	Price/Pcs.
GW450/01	With Solid Plug, Side Tube 2mm Bore	225.00
GW450/02	With Solid Plug, Side Capillary 2mm Bore	235.00



GW450

GW453 STOP COCKS FOR BURETTE 'LALCO'

Cat. No.	Description	Price/Pcs.
GW453/01	With Solid Plug	110.00
GW453/02	With Hollow Plug	345.00
GW453/03	With P.T.F.E. Plug	435.00
GW453/04	With P.T.F.E. Needle Valve Plug	110.00



GW453

BOTTLES

GW620 WEIGHING BOTTLE (TALL FORM) 'LALCO'

With interchangeable stopper, **Tall Form**

Cat. No.	O.D. x Ht. mm	Approx Cap. ml	Price/Pcs.
GW620/01	20 x 40	5	220.00
GW620/02	25 x 60	15	240.00
GW620/03	30 x 65	25	310.00
GW620/04	40 x 90	60	450.00





GW620

GW621 WEIGHING BOTTLE (SQUAT FORM) 'LALCO'

With interchangeable stopper, **Squat Form.**

Cat. No.	O.D. x Ht. mm	Approx Cap. ml	Price/Pcs.
GW621/01	40 x 30	20	265.00
GW621/02	50 x 35	25	360.00
GW621/03	50 x 50	50	380.00
GW621/04	50 x 40	40	370.00



GW621

GW622 SPECIFIC GRAVITY BOTTLES 'LALCO'

Ground in capillary stopper

Cat. No.	Capacity ml	Price/Pcs.
GW622/01	5	220.00
GW622/02	10	220.00
GW622/03	25	220.00
GW622/04	50	240.00



GW622

GW623 SPECIFIC GRAVITY BOTTLES 'LALCO'

Ground in capillary bore interchangeable Taflon Stopper

Cat. No.	Capacity ml	Price/Pcs.
GW623/01	5	260.00
GW623/02	10	260.00
GW623/03	25	260.00
GW623/04	50	280.00



GW622

LALCO™ Scientific Instruments

GW624 SPECIFIC GRAVITY BOTTLES (PYKNOMETER) 'LALCO'

With Ground in thermometer range 0 to 50°C.

Cat. No.	Capacity ml	Price/Pcs.
GW624/01	10	720.00
GW624/02	25	795.00
GW624/03	50	830.00

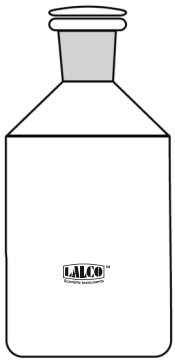


GW624

GW626 REAGENT BOTTLE 'LALCO'

Narrow Mouth, with interchangeable hollow stopper, **CLEAR GLASS**

Cat. No.	Capacity ml	Price/Pcs.
GW626/01	30	240.00
GW626/02	60	270.00
GW626/03	125	350.00
GW626/04	250	380.00
GW626/05	500	460.00
GW626/06	1000	660.00
GW626/07	2000	1150.00
GW626/08	3000	6200.00
GW626/09	5000	7000.00

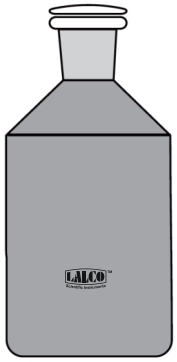


GW626

GW627 REAGENT BOTTLE 'LALCO'

Narrow Mouth, with interchangeable hollow stopper, **Amber Colour Glass**

Cat. No.	Capacity ml	Price/Pcs.
GW627/01	30	410.00
GW627/02	60	440.00
GW627/03	125	480.00
GW627/04	250	580.00
GW627/05	500	720.00
GW627/06	1000	1050.00
GW627/07	2000	2110.00

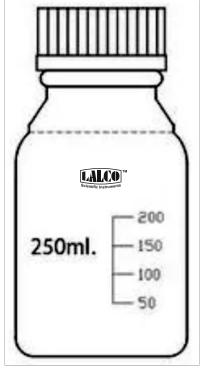


GW627

GW628 REAGENT BOTTLE 'LALCO'

Wide Mouth with polypropylene blue screw cap, graduated, **CLEAR GLASS**

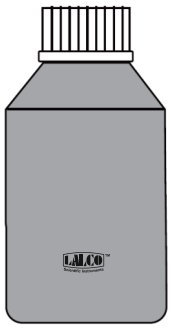
Cat. No.	Capacity ml	Price/Pcs.
GW628/01	50	280.00
GW628/02	100	330.00
GW628/03	250	360.00
GW628/04	500	440.00
GW628/05	1000	645.00
GW628/06	2000	1130.00
GW628/07	5000	6960.00



GW628

LALCO™ Scientific Instruments

LABORATORY GLASSWARE

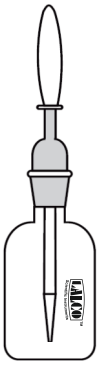


GW629

GW629 REAGENT BOTTLE 'LALCO'

Wide Mouth with polypropylene blue screw cap, **Amber Colour Glass**

Cat. No.	Capacity ml	Price/Pcs.
GW629/01	25	400.00
GW629/02	50	430.00
GW629/03	100	470.00
GW629/04	250	560.00
GW629/05	500	700.00
GW629/06	1000	1030.00
GW629/07	2000	2100.00
GW629/08	5000	10300.00



GW630

GW630 DROPPING BOTTLE 'LALCO'

Fitted with I/C stopper and dropper rubber teat, clear glass

Cat. No.	Capacity ml	Price/Pcs.
GW630/01	30	230.00
GW630/02	60	250.00
GW630/03	125	325.00
GW630/04	250	380.00



GW632

GW632 B.O.D. BOTTLE WITH STOPPER 'LALCO'

Cat. No.	Capacity ml	Price/Pcs.
GW632/01	60	360.00
GW632/02	125	410.00
GW632/03	300	510.00
Optional : Spare Stopper for B.O.D. Bottle		150.00



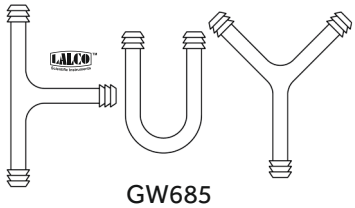
GW634

GW634 WOULF BOTTLE 'LALCO'

With three standard joint necks

Cat. No.	Capacity ml	Price/Pcs.
GW634/01	250	550.00
GW634/02	500	650.00

SUPPLEMENTARY GLASSWARE



GW685

GW685 CONNECTING TUBE 'LALCO' T, U, Y SHAPE 'LALCO'

Cat. No.	Tube Dia mm	Price/Pcs.
GW685/01	7	130.00
GW685/02	10	130.00
GW685/03	12	130.00

LALCO™ Scientific Instruments

GW686 CAPILLARY TUBES 'LALCO' 100MM LONG

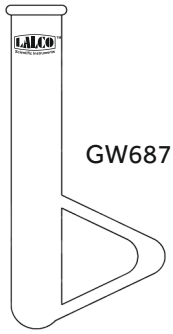
Cat. No.	Description	Price/Pcs.
GW686/01	Both ends Open	135.00
GW686/02	One end Closed	135.00



GW686

GW687 THEIL MELTING POINT TUBE'S 'LALCO'

Cat. No.	Size mm	Price/Pcs.
GW687/01	150 x 18	110.00
GW687/02	150 x 25	150.00

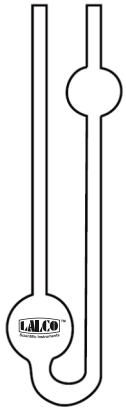


GW687

GW688 DURHAM TUBE 'LALCO' 6.00

GW690 VISCOMETER U TUBE 'LALCO' 120.00

Ostwald standard size College Pattern



GW690

GW694 STALGANOMETER 'LALCO' GRADUATED

Cat. No.	Type	Price/Pcs.
GW694/01	Straight	110.00
GW694/02	Bent	140.00

GW698 POLARIMETER TUBE 'LALCO'

With center Bulb, screw caps, cover glasses.

Cat. No.	Length mm	Price/Pcs.
GW698/01	100	1150.00
GW698/02	200	1190.00
GW698/03	400	1240.00



GW698

GW699 POLARIMETER TUBE 'LALCO'

With center Cups, screw cups, cover glasses.

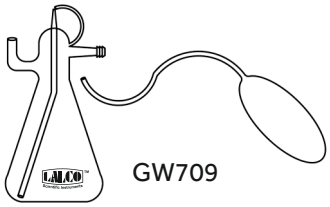
Cat. No.	Length mm	Price/Pcs.
GW698/01	100	1190.00
GW698/02	200	1220.00
GW698/03	400	1250.00



GW699

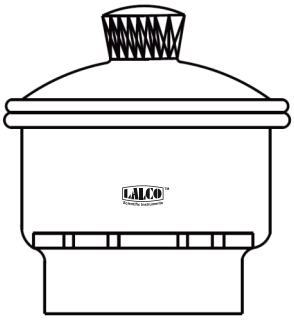
GW709 CHROMATOGRAPHY SPRAYER'S 'LALCO' WITH RUBBER BELLOW

Cat. No.	Capacity ml	Price/Pcs.
GW709/01	50	490.00
GW709/02	100	510.00
GW709/03	250	540.00



GW709

DESSICATOR & RECTANGULAR JAR

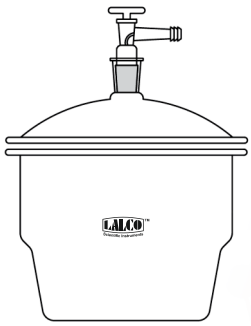


GW710

GW710 DESSICATOR WITH COVER PLAIN 'LALCO'

With suitable porcelain plate

Cat. No.	Size mm	Price/Pcs.
GW710/01	120	1490.00
GW710/02	150	2050.00
GW710/03	210	3520.00
GW710/04	240	5290.00
GW710/05	300	6990.00

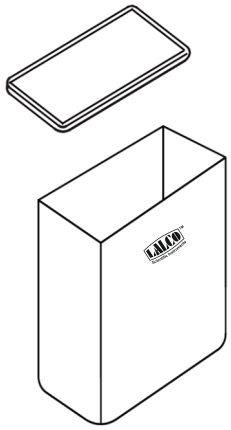


GW711

GW711 DESSICATOR VACUUM WITH COVER AND STOP COCK 'LALCO'

With suitable porcelain plate

Cat. No.	Size mm	Price/Pcs.
GW711/01	150	2510.00
GW711/02	210	4950.00
GW711/03	240	7690.00
GW711/04	300	10520.00



GW715

GW715 JAR RECTANGULAR WITH COVER 'LALCO'

Cat. No.	Size H x L x B	Price/Pcs.
GW715/01	140 x 215 x 100	1690.00
GW715/02	210 x 170 x 130	1840.00
GW715/03	220 x 140 x 140	1810.00
GW715/04	225 x 225 x 125	2340.00
GW715/05	250 x 250 x 150	3535.00
GW715/06	360 x 150 x 100	4220.00
GW715/07	380 x 280 x 230	8950.00



GW718

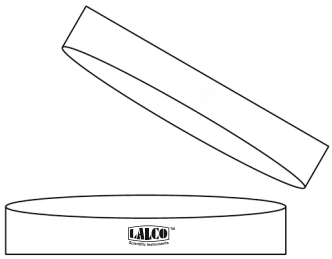
GW718 WATCH GLASS 'LALCO'

Cat. No.	Size m.m.	Min. Qty Pack	Price/Pkt.
GW718/01	50	12	130.00
GW718/03	65	12	150.00
GW718/04	75	12	200.00
GW718/05	100	12	300.00
GW718/06	125	12	500.00
GW718/07	150	12	650.00

GLASSWARE / THERMOMETERS

GW722 DISHES - PETRI CULTURE, TOP & BOTTOM 'LALCO'

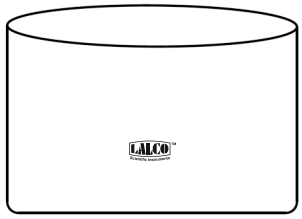
Cat. No.	O.D. x Ht. mm	Price/Pcs.
GW722/01	50 x 17	130.00
GW722/02	80 x 17	155.00
GW722/03	100 x 17	185.00
GW722/04	150 x 20	645.00
GW722/05	200 x 20	1430.00



GW722

GW725 DISHES - CRYSTLIZING, FLAT BOTTOM 'LALCO'

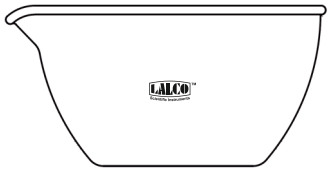
Cat. No.	Size O.D. x Ht. mm	Capacity ml	Price/Pcs.
GW725/01	80 x 45	150	280.00
GW725/02	100 x 50	300	390.00
GW725/03	150 x 75	1000	950.00
GW725/04	190 x 100	2000	1520.00



GW725

GW727 DISHES EVAPORATING WITH POUR OUT 'LALCO'

Cat. No.	Size O.D. x Ht. mm	Price/Pcs.
GW727/01	80 x 45	330.00
GW727/02	105 x 55	480.00
GW727/03	150 x 80	950.00
GW727/04	200 x 100	1860.00



GW727

GW729 GLASS SPREADER 'LALCO'

Cat. No.	Type	Price/Pcs.
GW729/01	Spreader L Shape	100.00
GW729/02	Spreader Triangular 50mm	120.00



GW729

THERMOMETERS

GW800 LABORATORY THERMOMETER MERCURY FILLED 'LALCO'

Cat. No.	Range	Division	Mercury	Red Alcoholic	Imported (Zeal)
GW800/01	0-50 °C	1/1	220.00	100.00	450.00
GW800/02	-10-110°C	1/1	180.00	100.00	410.00
GW800/03	0-150°C	1/1	180.00	100.00	410.00
GW800/04	0-250°C	1/1	190.00	110.00	440.00
GW800/05	0-360°C	1/1	190.00	110.00	440.00



GW800

LALCO™ Scientific Instruments

THERMOMETERS / HYDROMETERS

GW805 OVEN/INCUBATOR THERMOMETERS 'LALCO'

L shaped size 200 mm. x 200 mm. mercury in glass. accuracy ±1 division

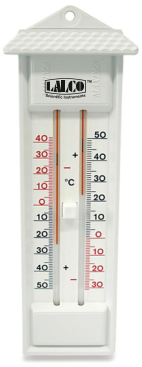
Cat. No.	Range	Division	Price/Pcs.
GW805/01	110°C	1°C	350.00
GW805/02	250°C	1°C	350.00
GW805/03	360°C	1°C	350.00



GW805

GW810/01 MAXIMUM MINIMUM THERMOMETER 'LALCO' WITH PLASTIC BODY 280.00

GW810/02 -DO- SUPERIOR QUALITY, PLASTIC MOULDED FRAME SIMILAR TO ZEAL 1020.00



GW810

GW811/01 WET & DRY THERMOMETER 'LALCO' 280.00

GW811/02 -DO- SUPERIOR QUALITY, PLASTIC MOULDED FRAME SIMILAR TO ZEAL 1020.00



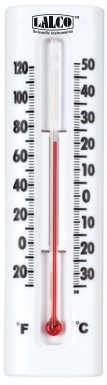
GW811

GW812/01 WALL THERMOMETER 'LALCO' SMALL 330.00

GW812/02 WALL THERMOMETER 'LALCO' BIG 530.00

GW814 LACTOMETER 'LALCO' 175.00

Sp. gr. range 1.000 to 1.440, silver coated.



GW812



GW814

GW818 SPECIFIC GRAVITY HYDROMETERS 'LALCO'

In 100° range, shot weighted with paper scale

Cat. No.	Range Sp.Gr.	Price/Pcs.
GW818/01	600-700	260.00
GW818/02	700-800	260.00
GW818/03	800-900	260.00
GW818/04	900-1000	260.00
GW818/05	1000-1100	260.00
GW818/06	1100-1200	260.00
GW818/07	1200-1300	280.00
GW818/08	1300-1400	280.00
GW818/09	1400-1500	300.00
GW818/10	1500-1600	300.00
GW818/11	1600-1700	300.00
GW818/12	1700-1800	315.00
GW818/13	1800-1900	580.00
GW818/14	1900-2000	580.00



GW818

LABORATORY HYDROMETERS

GW820 UNIVERSAL HYDROMETER 'LALCO' — 300.00

Accurate range 700–2000 sp.gr

GW822 BEAUME HYDROMETER WITH PAPER SCALE 'LALCO'

Cat. No.	Range	Price/Pcs.
GW822/01	Light liquid range 10-70 Be, 0.700-1.000 Sp. Gr.	260.00
GW822/02	Heavy liquid range 0-70 Be, 1.000-2.000 Sp. Gr.	260.00
GW822/03	Beaume Hydrometer range 0-50 Be, 1.000-1.500 Sp. Gr.	260.00
GW822/04	Beaume Hydrometer range 50-70 Be, 1.500-2.000 Sp. Gr.	260.00
GW822/05	0-10	260.00
GW822/06	10-20	260.00
GW822/07	20-30	260.00
GW822/08	30-40	300.00
GW822/09	40-50	300.00
GW822/10	50-60	300.00
GW822/11	60-70	300.00
GW822/12	0-20	300.00
GW822/13	20-40	300.00
GW822/14	40-60	300.00



GW822

GW824 BRIX HYDROMETER WITH PAPER SCALE W/O. THERMOMETER 'LALCO'

Cat. No.	Range	Price/Pcs.
GW824/01	0-10 Bx, 10-20 Bx. 20-30 Bx	450.00
GW824/02	30-40 Bx, 40-50 Bx. 50-60 Bx	450.00
GW824/03	60-70 Bx, 70-80 Bx. 80-90 Bx	450.00
GW824/04	0-30 Bx, 30-60 Bx. 60-90 Bx	450.00

GW826 TWADDLE HYDROMETERS 'LALCO'

Cat. No.	Twaddle No.	Twaddle Range	Price/Pcs.
GW826/01	1	0-26	290.00
GW826/02	2	24-50	290.00
GW826/03	3	48-74	290.00
GW826/04	4	72-104	290.00
GW826/05	5	102-138	300.00
GW826/06	6	136-174	300.00



GW824 GW826

LALCO™ Scientific Instruments

OIL & PETROLEUM INSTRUMENTS



875 and 876



879



881



882 and 883

Cat. No.	Item's Description	Price/Pcs.
875	**Redwood viscometer no. 1 (IP 70)** electrically heated with energy regulator for temperature control	13500.00
876	**Redwood viscometer no. 1 with digital indicator & regulator**	21600.00
875/01	Thermometer (low range) IP 8C (0°-44°C)	1500.00
875/02	Thermometer (medium range) IP 9C (37.8°-82°C)	1500.00
875/03	Thermometer (high range) IP 10C (76°-122°C)	1600.00
875/04	Stop watch (electronic)	1250.00
877	**Redwood viscometer no. 2** electrically heated with energy regulator for temperature control	14800.00
878	**Redwood viscometer no. 2 (IP 70) with digital indicator & regulator**	24500.00
879	**Say bolt viscometer apparatus** made as per ASTMD-88 specification with universal and furi jets made of stainless steel. stirring is done by hand with turn table arrangement without stainer, withdraw tube and glasswares. suitable to operate on 220 volts AC mains. electrically heated with energy regulator control.	16750.00
880	Same as above but with Electronic Digital Temp. Indicator & Regulator	20500.00
	OPTIONAL ACCESSORIES	
879/01	Strainer For Filtering Oil	2300.00
879/02	Withdraw Tube (metal)	1500.00
879/03	Flask 60 CC.	750.00
879/04	Thermometer ASTM 17C (19°-27°C)	2400.00
879/05	Thermometer ASTM 18C (34°-42°C)	2400.00
879/06	Thermometer ASTM 19C (49°-57°C)	2400.00
879/07	Thermometer ASTM 20C (57°-65°C)	2400.00
881	**Engler Viscometer Apparatus** as per IP-212 and ASTMD-490 specification and is used for termining the viscosity oflubricating and fuel oils. it consists of S.S. water bath having a oil cup with lid and a stirring device mounted on stand. the oil cup lid has a thermometer socket in which thermometer rests to check the temperature in the water bath. the bath is fitted with a 500 watts heater and is supplied with a wooden or ebonite valve to fit the jet (without glasswares). suitable to operate on 220 volts AC mains. electrically heated with energy regulator control	14700.00
881/01	Thermometer ASTM 24C (34°-54°C)	2400.00
881/02	Thermometer ASTM 25C (95°-105°C)	2400.00
882	**Abels Flash Point Apparatus** this apparatus is suitable for determining the close cup flash point of petroleum and mixture according to IP 33 and IP 170 and also IS 1448 (Part i)1985 (P: 20). It is supplied with oil cup cover, fitted stirrer, thermometer socket, S.S. water bath and stand. An 831+eze electric heater is fitted at the bottom for operation on 220 volts AC circuits. With oil test jet, electrically heated with energy regulator control. It is suitable for oils whose flashes below 70°C	14500.00
883	Abels Flash Point Apparatus With Digital Temperature Indicator &regulator (oil Test Jet)	24500.00

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OPTIONAL ACCESSORIES

Cat. No.	Item's Description	Price/Pcs.
882/01	Spare nichrome heating element.	750.00
882/02	Thermometer IP 74C having wide range (-35°-70°C)	1500.00
882/03	Thermometer IP 75C having wide range (-30°-80°C)	1500.00
884	**Pensky Martens Flash Point Apparatus** the apparatus is made as per IP 34, ASTMD-93-58 T and IS 1448 (Part 1) 1270 (P : 21) and IS 1203-1953 method B. the apparatus consists of brass test cup with handle emovable cup cover, with spring operated rotating shutter having piolet jet and stirrer with flexible shaft. the assembly rests in a air bath which is covered with dome shape metal top, the cup is fitted with insulated handle and locking arrangement near cup flange and the assembly is kept on round shape electric heater with temperature regulator. Suitable for operation on 220 volts 50 cycles AC circuits. with oil test jet, electrically heated with energy regulator control used for finding out flash point above 70°C and below 300°C.	13500.00
885	Pensky martens Flash Point Apparatus with Digital Temperature Indicator 1and Controler	22000.00



884

OPTIONAL ACCESSORIES

884/01	Low range thermometer with brass collar IP-15C (-7°-110°C)	1500.00
884/02	High range thermometer with brass collar 1P-16C (-90°-370°C)	1500.00
884/03	Spare nichrome heating element.	750.00
885	**CLEAVELAND FLASH POINT AND FIRE POINT APPARATUS** this apparatus is used for determination of flash point and the fire point of petroleum products except fuel oil with open cup flash point above 80C as per specification IP 36 and IS 1448 [(P: 69) 1969]. the apparatus consists of a cup, heating plate to specific dimension, thermometer clip and test flame attachment with swivel joint for passing over test liquid surface in the prescribed manner. heating is controlled by means of energy regulator fitted to the apparatus. suitable for operation on 220 volts 50 cycles AC circuits. electrically heated with energy regulator control.	10500.00
886	**Cleave land flash point & fire point apparatus with digital temp. Indicator & Controller**	21600.00



885 and 886

OPTIONAL ACCESSORIES

885/01	Thermometer IP-28C range-5°C to 400°C.	1500.00
885/02	Spare nichrome element.	750.00
887	**TAR VISCOMETER APPARATUS** as per 1P-72 and IS 1206 standards. It is used for determination of the viscosity of road oils and cut back bitumen. It consists of S.S. bath with cup of 10 mm. or 4 mm. orifice and sleeve, stirrer with bal lifting clip and ball with stand fitted with leveling screws. operates on 220 volts AC. with energy regulator for temperature control.	14500.00



887 and 888

LALCO™ Scientific Instruments

OIL & PETROLEUM INSTRUMENTS



889



890



892

Cat. No.	Item's Description	Price/Pcs.
888	**TAR VISCOMETER APPARATUS** with digital temperature indicator & controller	21600.00
	OPTIONAL ACCESSORIES	
887/01	Spare silver plated cup having 10 mm. or 4 mm. orifice.	10500.00
887/02	Measuring cylinder 100 ml. cap	1500.00
887/03	Thermometer IP 8C low ran (0°-44°C)	1500.00
887/04	Thermometer IP 9C medium range (37.8°-82°C)	1500.00
887/05	Thermometer IP 10C high range (76°-122°C)	1500.00
889	**SOFTENING POINT APPARATUS** (Ring & Ball Apparatus) For determination of sotening point or bituminious materials according to IP 58 and 1P 1205 - 1958. Softening point is that temperature at which the specimen under test becomes soft enough to allow a steel ball of specific dimensions to fall at a required distance under test conditions. The apparatus consists of glass beaker, ring stand, two steel balls with ring, ball guides and hand stirrer.	9500.00
889/A	Same as above but with Electrical Motorised	14500.00
	OPTIONAL ACCESSORIES	
889/01	Thermometer IP 60C (-2°-80°C)	1500.00
889/02	Thermometer IP 61C (30°-200°C)	1500.00
890	**CLOUD AND POUR POINT APPARATUS** this is made according to specifications laid by IP 15 and IS 1448 (P:10) 1970. the pour point is the lowest temperature at which the oil will just fail to flow. the apparatus consists of main cooling bath made out of S.S. sheet, stand unit with drain plug, cover having provision for fitting thermometer and a filling aperture for adding freezing mixture. a glass jar for containing oils, jacket, disc and gasket as specified are also provided. CLOUD AND POUR POINT SINGLE WITH INSULATED BODY	9500.00
891	**CLOUD AND POUR POINT** four test with Insulated Body.	14500.00
	OPTIONAL ACCESSORIES	
890/01	Cloud and pour point thermometer IP 1 (-38°-50°C)	1500.00
890/02	Cloud and pour point thermometer IP 2C (-80°-20°C)	1500.00
892	**PENETROMETER APPARATUS AS** per IP 49, 50 & 167 specifications and also as per IS 1448 (P: 92 and P: 93]. this apparatus is used for penetration test on a wide variety of materials such as greases, petroleum, bitumen, tar, wax, polish, food stuff, rubber asphalts and pharmaceutical creams. a given force is applied over a given period of time and the depression is made in the sample which is measured in tenth of a millimeter and expressed as penetration. it consists of a head support mounted on a vertical rod which can be adjusted for height. a rack and pinion and pointer assembly provides fine adjustment of needle tip to sample and incorporates a slipping clutch mechanism which makes reading of penetration and subsequent resetting a sample an accurate operation. the dial is graduated from 0-400 in one tenth milimeter subdivision Instrument is supplied with two sample containers WITH CONTAINERS AND WEIGHTS HAVING PENETRATION NEEDLE.	15500.00

OIL & PETROLEUM INSTRUMENTS

Cat. No.	Item's Description	Price/Pcs.
893	Same as 892 but with containers and weights having penetration cone, hollow type.	31500.00
894	**DROP POINT OF GREASE APPARATUS** (as per 1P 31, IP 132 and ASTMD-566 specifications) as per IP 31 the apparatus consists of brass sleeve and case, metal cup, a glass boiling tube, cork fitted to a bath anda 600 ml. beaker. the assembly is kept on a heater with energy regulator control, stand and a F.H.P. electric stirrer. As per IP 132 the unit comprises of a glass beaker with fibre cover, glass test tube with three indentations, chromium plated brass cup, cork for tube and a 1.5 mm. diameter brass rod. the assembly is kept on a heater with energy regulator, stand and a F.H.P. electric stirrer.	16500.00
895	Same as 894 but as per IP 132 & ASTMD-566 without stirrer	14500.00
895/A	Same as above with electronic digital temp. Indicator & Controller	22000.00
	OPTIONAL ACCESSORIES	
895/01	IP 40C low range thermometer (20°-120°C)	1500.00
895/02	IP 41C high range thermometer (100°-230°C)	1500.00
895/03	IP 62C drop point special thermometer (-5°-300°C)	1500.00
896	**CARBON RESIDUE APPARATUS** (conardson) it is made as per IP 13 and ASTMD-189 specifications. it is useful to determine amount of carbon and residue when an oil is evaporated under specified conditions of crude oil etc. and are useful in the manufacture of various lubricants. the apparatus consists of spun sheet iron crucible 25 cc. capacity, sheet iron hood, sheet iron block on a stand electrically heated through energy regulator single test apparatus.	12000.00
897	Conardson Residue apparatus with electronic digital temp indicator	45600.00
898	**SMOKE POINT APPARATUS** (as per IP-547 IS 1448 (P-31)& ASTMD-1322	12500.00
898/01	Spare candle	7600.00
898/02	Spare wick	600.00
899	**ANILINE POINT APPARATUS** (as per IP-2 method 'D' by U tube method electrical heated with FHP stirrer without thermometer	
900	Same as above as per IP-2 method 'B' ASTM D611 electrical heated with FHP stirrer without thermometer	32500.00
899/01	Spare U Tub	1500.00
899/02	Aniline point thermometer IP-20C (-38°-42°C)	1500.00
899/03	Aniline point thermometer IP-21C (25°-105°C)	1500.00

901 **KINEMATIC VISCOMETER BATH 'LALCO'** {IP-71 and IS 1448 (P-25) 1976) this viscometer bath is used to maintain the correct constant temperature for estimating kinemetic viscosity of oils & petroleum product. inthistype of bath various viscometers may befixed as an internal part of bath. the bath is rectangular in shape inside tank made of stainless steel sheet. on two sides toughned glass provided for full visibility of objects. the bath is controlled by an electronic relay and digital controller cemperature range S C above room temperature to 9S°C. accuracy +0.1C stirring is done by a F.H.P. elect. motor stirer. it is supplied with viscometer tube holders and S.S. cover.

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894



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898 899

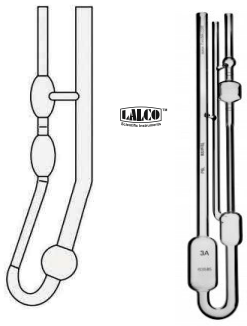
LALCO™ Scientific Instruments

OIL & PETROLEUM / TEST TUBE RACKS



901 - 902 - 903

Cat. No.	Item's Description	Price/Pcs.
901	Kinematic Viscometer Bath of chamber size 12"x9"x12" deep for 4 viscometer with digital temp. indicator & controller	48000.00
902	Kinematic Viscometer Bath Chamber Size 12"x12"x12" deep for 6 Viscometer with Digital Temp. Indicator & controller.	54000.00
903	Same as above but with **Round Bath** for 4 viscometer with digital temp. indicator & controller	76000.00
	OPTIONAL ACCESSORIES	
901/01	Viscometer U tube BS/U size A, B,C, D, E, F, G & H	6500.00
901/02	Viscometer U tube reverse flow (for opaque liquids) each one no. size 1, 2, 3, 4, 5, 6,7,8, 9	6500.00
901/03	Viscometer cannon fenske, direct flow BS/IP/CF viscosity range size 100, 150, 200, 250, 300, 350, 400, 450, 500 & 600	6500.00
901/04	Viscometer cannon fenske reverse flow each one no size 100, 150, 200, 300, 350, 400, 450, 500 & 600	6500.00
901/05	Viscometer suspended level BS/IP/ISL size 1,1A, 2, 2A, 3,3A, 4	7500.00
901/06	Spare viscometer holder	1500.00
901/07	Electronic stop watch	1250.00
Note: Please mention size and viscosity range of viscometer tube with indent. the prices are for each size.		



901/01 901/04



901/05



901/07



957



958

957 TEST TUBE RACK DOUBLE TIER ALLUMINIUM SHEET (20G-HEAVY)

Hole Size	Hole Numbers						
	6	12	18	24	30	36	48
11mm	85	98	105	132	150	165	188
13mm	88	110	128	143	165	175	225
16mm	89	148	153	188	218	282	318
20mm	115	165	210	225	285	318	398
26mm	165	225	312	358	438	520	640
30mm	193	245	345	402	545	660	845
33mm	225	293	358	505	583	790	998
40mm	245	333	488	675	810	903	1280

958 TEST TUBE RACK DOUBLE TIER STAINLESS STEEL SHEET (S.S.-304)

Hole Size	Hole Numbers						
	6	12	18	24	30	36	48
11mm	190	240	294	320	340	380	495
13mm	225	294	310	345	375	430	535
16mm	245	325	395	430	250	640	760
20mm	290	345	500	570	725	775	985
26mm	430	475	760	865	1105	1330	1630
30mm	450	580	860	920	1410	1620	2170
33mm	550	650	880	1295	1560	1920	2450
40mm	640	770	1100	1375	1900	2160	2710

DISHES / ENAMEL / PORCELAINWARE

LALCO™ Scientific Instruments

960 PIPETTE BOX S.S. 'LALCO'

Size	45.0x7.5 cm
Price/Pcs.	1210.00

961 PETRI DISH BOX S.S. WITH STAND 'LALCO'

Size	10 cm
Price/Pcs.	1350.00

962 PETRI DISH ALUMINIUM 'LALCO'

Size	2"	3"	4"
Price/Pcs.	90.00	105.00	120.00

965 SURGICAL TRAY WITH COVER S.S. 'LALCO'

Size	12"x18"	12"x15"	12"x10"	11"x7"	10"x8"	8"x6"
Price/Pcs.	1650.00	1450.00	780.00	600.00	580.00	400.00

966 SURGICAL BOWL S.S. W/O. COVER 'LALCO'

Size	4"	6"	10"	16"
Price/Pcs.	200.00	280.00	550.00	1280.00

968 ENAMEL TRAY 'LALCO'

Size	6"x8"	8"x10"	9"x11"	10"x12"	12"x15"	12"x18"	15"x18"	18"x24"
Price/Pcs.	325.00	415.00	440.00	480.00	660.00	780.00	1000.00	1440.00

969 ENAMEL BOWL 'LALCO'

Size	12cm	14cm	16cm	20cm	26cm	30cm
Price/Pcs.	120.00	180.00	360.00	440.00	560.00	850.00

972 WATER TAP SWAN NECK BRASS CHROME PLATED 'LALCO'

Size	One Way	Two Way	Three Way
Price/Pcs.	1060.00	2000.00	3600.00

975 BUCHNER FUNNEL PORCELAIN THICK STEM 'LALCO'

Cat. No.	Top Diameter (mm)	For Filter Paper Use (mm)	Price/Pcs.
975/01	35	27	85.00
975/02	50	40	115.00
975/03	75	70	145.00
975/03	100	90	290.00
975/04	125	110	395.00
975/05	150	130	690.00
975/06	200	175	1875.00
975/07	250	230	2925.00
975/08	300	260	5700.00



960 961



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968 969



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975

978 MORTAR & PESTLE SET PORCELAIN 'LALCO'



978

Cat. No.	Top I.D.	Top O.D.	Capacity (ml.)	Price/Pcs.
978/01	60	80	60	90.00
978/02	75	90	100	120.00
978/03	85	105	150	145.00
978/04	100	125	275	240.00
978/05	125	155	550	390.00
978/06	150	180	900	525.00
978/07	175	200	1500	930.00
978/08	200	230	2000	1110.00
978/09	250	285	4200	3675.00
978/10	300	330	7000	6580.00

979 MORTAR & PESTLE SET AGET (BLACK) 'LALCO'



979

Cat. No.	Size O.D. (Inch.)	Price/Pcs.
979/01	2"	1050.00
979/02	3"	1400.00
979/03	4"	2400.00
979/04	5"	3800.00
979/05	6"	7500.00

985 PTFE BLADE FOR BUTTON STIRRER 'LALCO'



985

Cat. No.	Joint Size	Blade Size (mm)	Price/Pcs.
985/01	B-19	50 x 15 x 3	120.00
985/02	B-24	50 x 20 x 3	140.00
985/03	B-24	75 x 20 x 3	160.00
985/04	B-29	75 x 25 x 3	190.00
985/05	B-29	100 x 25 x 3	290.00
985/06	B-34	100 x 30 x 3	290.00
985/07	B-34	125 x 30 x 3	330.00
985/08	B-34	125 x 30 x 5	410.00
985/09	B-55	125 x 50 x 5	620.00
985/10	B-55	150 x 50 x 5	690.00

986 STIRRER GUIDE - PTFE STUFFING BOX 'LALCO'

Cat. No.	Joint Size	Price/Pcs.
986/01	B - 14	550.00
986/02	B - 19	610.00
986/03	B - 24	770.00
986/04	B - 29	925.00
986/05	B - 34	1015.00
986/06	B - 45	2520.00
986/07	B - 55	3710.00



986

987 MERCURY SEAL GLAND WITH SLEEVE - PTFE 'LALCO'

Cat. No.	Joint Size	Price/Pcs.
987/01	B - 19	4200.00
987/02	B - 24	4200.00
987/03	B - 29	5150.00
987/04	B - 34	5150.00
987/05	B - 55	7800.00



987

991 TEFLON / PTFE COATED MAGNETIC BAR / ROTORS 'LALCO'

Cat. No.	Top I.D.	Top O.D.	Price/Pcs.
991/01	10 x 6	Centre Ring	200.00
991/02	15 x 8	Centre Ring	210.00
991/03	20 x 9	Centre Ring	220.00
991/04	25 x 9	Centre Ring	230.00
991/05	30 x 9	Centre Ring	245.00
991/06	35 x 9	Centre Ring	260.00
991/07	40 x 9	Centre Ring	275.00
991/08	50 x 9	Centre Ring	375.00
991/09	60 x 10	Centre Ring	730.00
991/10	70 x 12	Centre Ring	850.00
991/11	75 x 12	Centre Ring	875.00
991/12	80 x 12	Centre Ring	1050.00



991

LALCO™ Scientific Instruments

LABORATORY MICRO PIPETTES

1020 SINGLE CHANNEL VARIABLE VOLUME MICRO PIPETTE 'LALCO'



1020

SEMI AUTOCLAVEABLE, calibration as per IS0 8655 standards.

FEATURES:

- Semi autoclaveable.
- 4 digit display
- Ergonomic design ensuring light weight & soft plugger movement.
- High accuracy & precision guaranteed.
- Calibration report with each pipette.
- Built in stream lined tip ejector facilities easy tip ejection & access to narrow necked both tubes & bottles.
- Constructed of high quality plastic, combined with SS piston for many years of dependable service.

Cat. No.	Volume (Range)	Inc. µl	Vol. µl	Acc. µl	CV µl	Price Pcs.
1020/01	0.2-2.0µl	0.01	0.2/1.0/2.0	12.0/2.5/1.5	6.0/1.5/0.7	4500.00
1020/02	0.5-10µl	0.1	0.5/5.0/10.0	5.0/1.5/1.0	2.8/0.8/0.4	4500.00
1020/03	2-20µl	0.1	2.0/10.0/20.0	5.0/1.0/1.0	1.5/0.6/0.3	4500.00
1020/04	5-50µl	1.0	5.0/25.0/50.0	2.5/0.7/0.7	6.0/1.5/0.7	4500.00
1020/05	10-100µl	1.0	10.0/50.0/100.0	2.5/0.8/0.8	2.8/0.8/0.4	4500.00
1020/06	20-200µl	1.0	20.0/100.0/200.0	2.5/1.0/0.6	1.5/0.6/0.3	4500.00
1020/07	100-1000µl	10.0	100.0/500.0/1000.0	1.6/0.6/0.5	0.3/0.2/0.2	4500.00
1020/08	500-5000µl	100.0	500.0/2500.0/5000.0	1.5/0.6/0.6	0.3/0.2/0.2	6000.00
1020/09	1000-10000µl	100.0	1000.0/5000.0/10000.0	1.5/0.6/0.6	0.3/0.2/0.2	6000.00

1021 VARIABLE VOLUME MICRO PIPETTE 'LALCO'



1021

- Variable automatic pipette with calibration as for ISO 8655 standards
- Light weight and ergonomic design report.
- Each pipette in individually tested and suppled with calibration certificate of quality.
- Autocable tip cone.
- One year warranty.

Cat. No.	Volume Range	Increment	Accuracy ± %	Precision (CV≤%)	Price/Pcs.
1021/01	0.5-10µl	0.1µl	± 3.5-1.0	3.0-0.8	2550.00
1021/02	2.0-20µl	0.1µl	± 3.0-1.0	1.5-0.4	2550.00
1021/03	5.0-50µl	1.0µl	± 2.0-0.6	2.0-0.3	2550.00
1021/04	10-100µl	1.0µl	± 2.0-0.8	1.0-0.2	2550.00
1021/05	20-200µl	1.0µl	± 1.0-0.6	0.7-0.2	2550.00
1021/06	100-1000µl	10µl	± 0.6-0.8	0.5-0.2	2550.00
1021/07	1.0-5.0ml	100µl	± 1.8-0.5	0.3-0.2	2850.00
1021/08	2.0-10ml	100µl	± 1.8-0.5	0.3-0.2	2850.00

LABORATORY MICRO PIPETTES

1024 MULTICHANNEL MICRO PIPETTE 'LALCO'

- Multichannel (8) channel fully autoclavable with calibration as per ISO 8655 starddards.
- With large and clear 4 digit display, manifold should rotate 360° for pipetting in any direction.
- Two step operation, easy adjustment of volume by turning the plunge.
- On year warranty

Cat. No.	Volume Range	Increment µl	Accuracy ± %	Precision (CV≤%)	Price/Pcs.
1024/01	0.5-10µl	0.1	± 3.5-1.0	3.0-0.8	13500.00
1024/02	2.0-20µl	1.0	± 3.0-1.0	1.5-0.4	13500.00
1024/03	5.0-50µl	1.0	± 2.0-0.6	2.0-0.3	13500.00
1024/04	10-100µl	1.0	± 3.0-0.8	1.0-0.2	13500.00
1024/05	20-200µl	1.0	± 1.8-0.6	0.7-0.2	13500.00
1024/06	30-300µl	1.0	± 1.5-0.8	0.7-0.2	13500.00



1024

1026 BOTTLE TOP DISPENSERS 'LALCO'

Bottle Top Dispensers : all wetted parts which comes in contact with reagents are made of PTFE, FEP and borosilicate glass, so can ben used for all laboratory reagents dispensing needs except HF high accuracy and precison is through several stages of strict quality checks during manufacturing. each dispenser is calibrated in accordance with ISO 8655 Standard and supplied with certificate.

Product Information	Premium Model
Description	**Models**
Piston	PTFE
Cylinder	Glass
Valve Housing	PTFE
Valve Assembly	Glass Ball& Seat
Volume Adjustment	Screw Type
Delivery Tube	FEP
Inlet Tube	FEP
Discharge Assembly	PTFE
Compatibility	Excellent with all reagents except HF.

Each dispenser is supplied with 1 standard adapter of 30 mm thread and 5 adapters of 28, 32, 36, 40 & 45 mm. to fit in most of the reagent bottles in laboratories.
Note : Instrument is fully autoclavable at 121°C, 15psi.

Cat. No.	Vol. Range ml.	Increment ml.	Accuracy ± %	Accuracy ± ml.	CV ± %	CV ± ml.	Price/Pcs.
1026/01	0.25 2.5	0.05	0.6	0.015	0.2	0.015	18000.00
1026/02	0.5-5	0.1	0.6	0.015	0.1	0.050	18000.00
1026/03	1-1 0	0.2	0.6	0.050	0.1	0.010	18000.00
1026/04	2.5-30	0.5	0.6	0.150	0.1	0.030	21000.00
1026/05	5-60	1.0	0.6	0.300	0.1	0.060	21000.00
1026/06	10-100	2.0	0.5	0.500	0.1	0.100	27000.00



1026

LABORATORY MICRO PIPETTES / INSTRUMENTS



1028



1029



1030

1028 TIPS FOR MICRO PIPETTE 'LALCO'

Cat. No.	Capacity	Price/Pcs.
1028/01	0.2 - 10µl	550.00
1028/02	2 - 200µl	700.00
1028/03	200 - 1000µl	700.00
1028/04	up to 5000µl	450.00
1028/05	up to 1000µl	700.00

1029 BOX FOR MICRO TIPS 'LALCO'

Cat. No.	Capacity	Price/Pcs.
1029/01	0.2 - 10µl	350.00
1029/02	2 - 200µl	350.00
1029/03	200 - 1000µl	400.00

1030 STAND FOR MICRO PIPETTE 'LALCO' 1500.00

1031 LABORATORY CENTRIFUGE BRUSHLESS PREMIUM MODEL, MAX. SPEED 6000 R.P.M. 'LALCO' 122500.00

High capacity with brushless induction motor. Square M S body duly powder coated. Hydraulic lid. Microprocessor based 1-99 minutes countdown timer, digital rpm meter and preset programmable speed regulator. Also featured with dynamic brake, lid lock, imbalance detector 10 programmer memory.

But Price without rotor head. Rotor can be selected at extra cost as under

Cat. No.	Description	Price/Pc
1031/A	Swing Rotor 32x15ml. Max. Speed on this head 5000 rpm	15650.00
1031/B	Angle Rotor 36x15ml. Max. Speed on this head 6000 rpm	15650.00
1031/C	Swing Rotor 48x7ml. Max. Speed on this head 5000 rpm	15650.00
1031/D	Swing Rotor, 32 vacutainers Max. Spe ed on this head 6000 rpm	15650.00

1032 MICRO CENTRIFUGE BRUSHLESS (WITHOUT CARBONS) 20000 R.P.M. 'LALCO' 85000.00

Microprocessor Based with maintenance free brushless induction motor. Modular design as per International standards, stainless steel protection bowl. Fitted with Microprocessor based LCD panel for 1-99 minutes countdown timer, digital rpm-rcf meter and programmable speed controller from 2000-20000 rpm. with interval of 100rpm. Also featured with dynamic brake, Electronic lid lock, imbalance detector, 10 program memory, 3 accelerations and 3 decelerations.

Prices are without Rotor Head. Rotor Head can be selected from below mentioned types as per customers requirement at extra cost.

Cat. No.	Description	Price/Pc
1032/A	Angle Rotor 12 x 1.5/2ml. with adopters for 0.5/0.2ml. (Max. Speed 20000 rpm)	10800.00
1032/B	Angle Rotor 24 x 1.5/2ml. with adopters for 0.5/0.2ml. (Max Speed 16000 rpm)	13800.00
1032/C	Angle Rotor 8 x 5ml. (Max. Speed 16000 rpm)	10800.00
1032/D	Angle Rotor suitable for PCR strip tubes - capacity 4 strips of 8 x 0.2ml Max. Speed 13000rpm.	13800.00

1033 REFRIGERATED MICRO CENTRIFUGE MACHINE16000 R.P.M. 'LALCO' 195000.00

Bench top fitted with universal motor with carbon brushes. Digital, microprocessor based. Maximum speed 16000 rpm. when we fix 12 x 2ml Angle Rotor Head. It is fitted with microprocessor based 2 lines 16 characters LCD pannel for 1 minute to 99 minutes countdown timer, digital rpm-rcf meter and programmable speed controller Stand by temperature from -20°C to+40°C. Temperature is controlled by microprocessor based digital temperature controller cum indicator. **Capacity 12 micro tubes of 2ml/1.5ml also supplied with adopters for 0.2/0.5ml micro tubes. Prices are complete with Rotor Head.**

LALCO™ Scientific Instruments

1034 REFRIGERATED UNIVERSAL CENTRIFUGE BRUSHLESS, 20000 R.P.M. 'LALCO' 305000.00

Bench top fitted with maintenance free brushless motor without carbon brushes. Digital, premium brushless model microprocessor based. Max. Speed 20000 rpm. when we fix 12 x 2ml angle rotor head. Further speed depends upon rotor being used. Fitted with microprocessor based 4 lines 20 characters each LCD Pannel for 1 minute to 99 minutes countdown timer, digital rpm-rcf meter and programmable speed controller. Stand by temperature from -20°C to +40°C is controlled by microprocessor based digital temperature controller cum indicator.

Prices are without Rotor Head. Rotor head can be selected from below mentioned types as per customers requirement at extra cost.

Cat. No.	Description	Price/Pc
1034/A	Angle Rotor 12x1.5/2.2ml. with adopters 0.5/0.2ml. Max. speed 20000 r.p.m.	10800.00
1034/B	Angle Rotor 24x1.5/2.2ml, Max. Speed 16000 r.p.m.	13800.00
1034/C	Angle Rotor 8x15ml, Max. Speed 13000 r.p.m.	17500.00
1034/D	Angle Rotor 6x50ml, Max. Speed 13000 r.p.m.	17500.00
1034/E	Angle Rotor 4x100ml, Max. Speed 13000 r.p.m.	17500.00
1034/F	Angle Rotor Suitable for PCR strip tubes - Capacity 4 Strips of 8 x 0.2ml. Max. Speed 13000 r.p.m.	13800.00

1035 INCUBATOR SHAKER 'LALCO' P.O.R.

Temperature 5°C to 50°C. Cooling arrangement through hermatically sealed compressor. Fitted With microprocessor based PID electronic digital temp, controller cum indicator an accuracy of ± 1°C. Double walled, outside made of mild steel sheet duly powder coated inner stainless steel with two air circulating fans. Door made of inbuilt glass for viewing of sample. Built in Microprocessor based digital PID Temp, rotary shaker with DC drive for speed control and timer. RPM range -20 -500. Inbuilt data logger with RS232 interface to work on 220/230 volts A.C. Also fitted with shaking tray which can be select from below mentioned types. Adjustable flask fitting allows to set flask of any size from 100 ml to 2 000 ml.

Capacity inner Chamber 4cft
Capacity inner chamber 6cft
Capacity inner chamber 10cft
Capacity inner Chamber 12cft



1035

SILICA CRUCIBLE & NICKLE CRUCIBLE

1036 SILICA CRUCIBLE & LID 'LALCO'

Cat. No.	Capacity ml.	Crucible Price/Pc	Lid Price/Pc
1036/01	15	430.00	430.00
1036/02	25	490.00	490.00
1036/03	50	860.00	860.00
1036/04	80	1750.00	1750.00
1036/05	100	1950.00	1850.00
1036/06	150	2500.00	2400.00

1037 NICKLE CRUCIBLE & LID'LALCO'

Cat. No.	Capacity ml.	Crucible Price/Pc	Lid Price/Pc
1037/01	25	410.00	290.00
1037/02	50	550.00	430.00

REMARKS

Certificate of Registration

ISO 9001:2015

This is to Certify That The Quality Management System of

has been audited and conformed to be in accordance with the requirements of

ISO 9001:2015

The Quality Management System is Applicable to :

Director

IAS ACCREDITED Management Systems Certification Body MSCB-174

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

Aambitious Assessment Pvt. Ltd.
804, Ashok Bhawan, Building No. 93, Nehru Place, New Delhi - 110 019, India.
e-mail: info@aapcertification.in, website: www.aapcertification.in
Certificate Verification: Certificate Validity can be re-checked at www.aapcertification.in
This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be returned immediately when demanded
*Validity of the certificate is subject to successful completion of surveillance audit on or before due date

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CERTIFICATE ■ CERTIFICADO ■ CERTIFICATO ■ ZERTIFIKAT ■ شهادة

Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of Directive 93/42/EEC according to Medical Device and 86/686/EEC on Personal Protective Equipment Directives.

Certificate No.: QCS-2021-STRN-24413

Manufacturer
Name : SAI SCIENTIFIC INSTRUMENTS

Address : 24, VIKAS PURI, NEAR SAI BABA MANDIR, POST OFFICE, INDUSTRIAL AREA, AMBALA CANTT – 133006, HARYANA, INDIA

Product : *"MANUFACTURERS AND EXPORTER OF LABORATORY METAL WARE, RESEARCH APPRATUS AND SCIENTIFIC GOODS"*

The Certification body has performed an audit of the above testing and verified the design system, manufacture and final inspection of the certified product. The Product specification has been assessed, approved and is subject to continuous surveillance according to the Directive 93/42/EEC to Medical Device and 86/686/EEC on Personal Protective Equipment Directives.

This certificate is issued under the following conditions:

1. Fulfilled standard requirements as per implementation of suggested standards.
2. The certificate remains valid until the manufacturing conditions are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant Standard testing performance, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown can be used, under the responsibility of the manufacturer, after completion of a EEC Declaration of conformity and compliance with all relevant EEC Directive. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.gacb.us

Date of Certification: 24th Jun 2021
Date of Recertification: 23th Jun 2024
(Subject to the company maintaining its system To the required standard)

1ST Surveillance Due: 23th Jun 2022
2ND Surveillance Due: 23th Jun 2023

CE

Authorized Signatory

QCS

Validity of this Certificate is subject to Annual Surveillance audits done successfully
This certificate remains the property of QCS and must be returned whenever demanded QCS is an independent system product and personal assessment body QCS is accredited by
Global Accreditation Certification Board (GACB)
US OFFICE: Maryland Avenue, SW Washington, D.C. -20202
info@qcscertgroup.com, www.qcscertgroup.com

D&B Decide with Confidence

NSIC ISO 9001 : 2008

This is to certify that
SAI SCIENTIFIC INSTRUMENTS
663, Ram Bagh Road, Behind Arya Samaj Mandir, Ambala Cantt, Ambala - 133001, Haryana, India
is now part of the
Dun & Bradstreet Global Database
and has been assigned the
D&B D-U-N-S® Number: 86-418-3653

For **Dun & Bradstreet Information Services India Private Limited**

April 04, 2013

Authorized Signatory

"The fact that this business is registered in the D&B database should not be construed as suggesting that credit or any other financial or business transaction should be approved, denied, restricted or delayed. It only signifies that there is sufficient information in the database to assign a D&B D-U-N-S® Number."
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