LOBA life

POWERED TO CHANGE YOUR WORLD

Analytical instruments & Glassware

A Division of : LOBA CHEMIE PVT. LTD

LOBA Chemie
LABORATORY REAGENTS
& FINE CHEMICALS

LOBA Chemie

LABORATORY REAGENTS
& FINE CHEMICALS

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LOBA Life

Liquid Handling Equipment,
Analytical Instruments & Glassware

Burdick & Jackson™
High Purity Solvents

Honeywell

VARIABLE VOLUME MICROPIPETTES

Fully Autoclavable

In order to keep pace with the rapid progress made in research sector in recent years, LOBA LIFE has made one logical step further and proudly presents the new, high precision micropipette series for today's sophisticated users in the field of Molecular Biology, Micro - Biology, Immunology, Cell Culture, Analytical Chemistry, Biochemistry, Genetics etc.

Semi Autoclavable Tip - Cone

These Variable Volume Micropipettes are semi-autoclavable where the Tip-cone assembly (consisting of Piston, O-ring, spring and the tip-cone) Can be detached and autoclaved. This economical version is suitable for every application including Molecular biology, Microbiology,Immunology, Cell Culture, Analytical Chemistry, Biochemistry, Genetics etc.

Features

- Constructed of high quality plastic and combined with stainless steel piston for many years of dependable service.
- Individually Calibrated as per procedure laid down in ISO 8655 standards, a calibration report is provided with each pipette.
- Accuracy and Precision values provided are better than those laid down in the ISO 8655 standards.
- Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes.
- New body design provides improved ergonomics for more comfort and less fatigue during operation.
- User adjustment (re-calibration) can be performed easily.
- Easy volume adjustment by turning the plunger even when wearing gloves. Plunger does not snag gloves.
- Nine volume ranges cover the complete pipetting range from 0.2 µl to 10 ml offering a wide choice to select the most suitable model for any application.

SPECIFICATIONS & ORDERING INFORMATION

Fully / Semi Autoclavable Variable Volume Micropipettes

Model Fully	Model Semi	Volume Range	Inc. µl	Vol. µl	Acc. ±%	CV ≤%
AFVV - 2	ASVV - 2	0.2 - 2.0 µl	0.01	0.2 1.0 2.0	12.0 2.5 1.5	6.0 1.5 0.7
AFVV - 10	ASW - 10	0.5 - 10µl	0.1	0.5 5.0 10.0	5.0 1.5 1.0	2.8 0.8 0.4
AFVV - 20	ASW - 20	2 - 20µl	0.1	2.0 10.0 20.0	5.0 1.0 1.0	1.5 0.6 0.3
AFVV - 50	ASW - 50	5 - 50µl	1.0	5.0 25.0 50.0	2.5 0.7 0.7	1.5 0.3 0.3
AFVV - 100	ASW - 100	10 - 100µl	1.0	10.0 50.0 100.0	2.5 0.8 0.8	0.7 0.3 0.15
AFVV - 200	ASW - 200	20 - 200µl	1.0	20.0 100.0 200.0	2.5 1.0 0.6	0.7 0.3 0.2
AFVV - 1000	ASW - 1000	100 - 1000µl	10	100.0 500.0 1000.0	1.6 0.6 0.5	0.3 0.2 0.2
AFVV - 5000	ASW - 5000	0.5 - 5 ml	100	500.0 2500.0 5000.0	1.5 0.6 0.6	0.3 0.2 0.2
AFVV-10000	ASW-10000	1 - 10 ml	100	1000.0 5000.0 10000.0	1.5 0.6 0.6	0.3 0.2 0.2

Calibration & Specifications conforming to ISO 8655 Standards

FIXED VOLUME MICROPIPETTES

Available in both Fully & Semi Autoclavable versions

Fixed Volume Pipettes are designed for many different types of routine laboratory work. Using the same state-of-art design and basic features of Variable Volume Pipettes, these fixed volume pipettes are ideal for Clinical Diagnostics, Control Analysis etc.

Fixed volume pipettes are available in all capacities from 0.5 µl to 10000 µl (10 ml)

Call our customer service for any Custom-made fixed volume micropipette.

SPECIFICATIONS & ORDERING INFORMATION

Fixed Volume Micropipettes

Fully Autoclavable	Semi Autoclavable	Vol. µl	Acc. ±%	CV ≤%	Fully Autoclavable	Semi Autoclavable	Vol. µl	Acc. ±%	CV ≤%
FFV - 1	FV - 1	1.0	2.5	1.8	FFV - 200	FV - 200	200.0	0.3	0.2
FFV - 2	FV - 2	2.0	2.5	1.2	FFV - 250	FV - 250	250.0	0.3	0.2
FFV - 5	FV - 5	5.0	1.5	0.8	FFV - 500	FV - 500	500.0	0.3	0.2
FFV - 10	FV - 10	10.0	1.0	0.5	FFV - 1000	FV - 1000	1000.0	0.3	0.2
FFV - 20	FV - 20	20.0	0.5	0.3	FFV - 2000	FV - 2000	2000.0	0.3	0.2
FFV - 25	FV - 25	25.0	0.5	0.3	FFV - 5000	FV - 5000	5000.0	0.3	0.2
FFV - 50	FV - 50	50.0	0.3	0.3	FFV - 10000	FV - 10000	10000.0	0.3	0.2
FFV - 100	FV - 100	100.0	0.3	0.2					

Calibration & Specifications conforming to ISO 8655 Standards

MULTICHANNEL MICROPIPETTES

Fully Autoclavable

For sensitive applications, there is a choice of Fully Autoclavable Multichannel Pipettes

Non Autoclavable

Recommended for ELISA, Molecular Screening, Kinetic studies, DNA amplifications…

Features

- High accuracy and precision for 96-well microtitre plates.
- Extended volume range upto 300µl.
- Comfortable, light weight and soft plunger movement.
- Seperate tip ejector allows easy tip ejection.
- Recommended for ELISA, Molecule screening, Kinetic studies,

8 Channel

12 Channel

AUTOMATIC BOTTLE TOP DISPENSERS

Art. No.	Vol. Range
BTD-1	0.5 - 2.5 ml
BTD-2	1.0 - 5.0 ml
BTD-3	2.0 - 10.0 ml?
BTD-4	2.5 - 30.0 ml
BTD-5	5.0 - 60.0 ml

TIPS FOR MICROPIPETTES

'LOBA Life' high precision tips are available in all sizes. We recommend use of 'LOBA Life' Tips with 'LOBA Life' Pipettes for best results.

STANDS FOR MICROPIPETTES

'LOBA Life' Pipette stands are designed in the form of work station. It can hold three or six pipettes and has a compartment for storing tips.

LIL'PET - THE LITTLE GIANT

Fully Autoclavable

These low cost miniature fixed volume pipettes are specially designed for use with Diagnostic Kits.

ELECTRONIC MICROPIPETTES

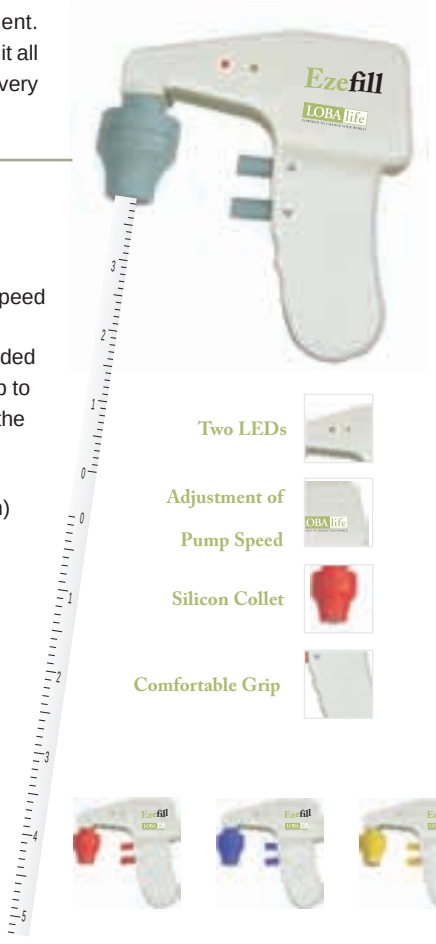
'LOBA Life' Electronic Pipette is based on Stepper Motor with Microprocessor controlled piston movement. These are user friendly and offer effortless pipetting. Accuracy & Precision levels are very high and user-independent. This is a complete solution for every pipetting need.

PIPETTE FILLING DEVICE

Efill is a friendly, efficient and reliable electronic pipette filling instrument. Designed for ease and comfort to suit all types of liquid handling needs in every Laboratory.

Features

- Two LEDs
  :: Red - Low Charging
  :: Green - Charging status
- Continuous adjustment of pump speed during operation.
- An universal Silicon collet is provided to accept all standard pipettes up to 100 ml. Internal knurlings on the collet holds the pipette firmly.
- Comfortable grip.
- In-line membrane filter (0.2 micron) prevents
  :: Aerosol Contamination
  :: Liquid from entering the equipment by accident.
- Ni-MH 3.6V rechargeable batteries are used in combination with low power consumption circuit and vacuum/pressure pump. Allows eight hours of continuous operation.
- Available in attractive colour combinations.
- Battery Charger is provided with all models.



MICROSCOPES - FOR STUDENTS, MEDICAL & RESEARCH

MIC-40

Educational Microscopy Solutions - Junior D/D

Stable & Robust traditional Horse shoe base Huygenian eyepiece 10x & 15x (any two) Body inclinable through 90° Tube length 160 mm Triple revolving Nosepiece A1 series Achromatic objectives 10x, 40x (SL) Fixed Stage plate size 125 x 125 mm with stage clips to hold the slide Fixed condenser N.A. 0.65, aperture selection through a Disc Diaphragm turret. Seperate coarse and fine focusing knobs. Coarse movement by Rack and Pinion and fine movement by screw lever mechanism. Illumination system Plano concave reflector mirror mounted on gimbal mount. Packed in moulded styrofoam box, with operation manual, dust cover and cleaning cloth.
Extra Accessories: External Illuminator, Wild filled 10x Eyepiece, Pointer eyepiece,
wooden Cabinet with lock & key and Camera lucida.

MIC-41

Educational Microscopy Solutions - Junior R/P

Same as Above but Movable Sub-stage Abbe condenser with N.A. 1.25 Iris diaphragm and Blue Day light filter in swing out holder

MIC-50

Educational Microscopy Solutions - Senior Same as Junior D/D but Quadruple revolving Nosepiece. Achromatic objectives 10x, 40x (SL) and 100x (SL, Oil), Fixed Stage plate size 125 x 125 mm with detachable mechanical stage for X and Y movement of slide up to 25 x 75 mm with graduated scales and verniers

MIC-60

Educational Microscopy Solutions - MDB series

Sturdy Stable stand. Anti fungal treated Mono/Binocular tube 450 inclined, 360 rotatable Wide Field eyepiece HKW 10x Quadruple Nosepiece (Ball bearing type) VA series Achromatic objectives 10x, 40x 40x(Sring loaded) and 100x (Sring loaded, Oil immersion), Stage rectangular 142 x 122 mm with mechanical stage cross travel 75x50 mm withco-axial control Movable Sub-stage ABBE condenser N.A. 1.25, with aspheric lens. Iris diaphragm and special day light blue filter in swing out filter holder. Seperate coarse and fine focusing mechanism with tention control Illlumination system: 6V-20W Halogen with intensity control.
Extra Accessories: Plano concave reflector mirror, Pointer eyepiece, wooden Cabinet with lock & key and Camera lucida.

MIC-70

Educational Microscopy Solutions - 10-B series

Sturdy Stable stand with plastic handrest. Anti fungal treated Mono/Binocular tube 450 inclined, 360 rotatable. Wide Field eyepiece HKW 10x paired. Quadruple Nosepiece (Ball bearing type) VA series DIN Semi Plan Achromatic objectives 10x, 40x 40x(Sring loaded) and 100x (Sring loaded, Oil immersion), Stage rectangular 142 x 122 mm with mechanical stage cross travel 75x50 mm withco-axial control. Movable Sub-stage ABBE condenser N.A. 1.25, with aspheric lens. Iris diaphragm and special day light blue filter in swing out filter holder. Seperate coarse and fine focusing mechanism with tention control.
Illlumination system: 6V-20W Halogen with intensity control.
Extra Accessories: Plano concave reflector mirror, Pointer eyepiece, wooden Cabinet with lock & key and Camera lucida.

LAB MICROSCOPY SOLUTIONS

STEREO MICROSCOPY SOLUTIONS

SMS

STEREO MICROSCOPY SOLUTIONS

Dual light stable stand with Ball bearing focusing controls. Binocular or trinocular tube 450 inclined, 360 rotatable,
IPD 55-75 mm with Dioptric adjustment on left ocular. Wide Field eyepiece WF 10x/20 mm paired. Revolving turret with objectives 2x-4x or 1x-3x. Magnification: 20x/40x or 10x/30x. Built-in illlumination system:12V15W Halogen reflector type incident light and sub-stage. Fluorocent light 12V-7W
Extra Accessories: Darkfield attachment, Polarizing Kit, Adaptor for Digital Still Camara

ZOOM MICROSCOPY SOLUTIONS

ZMS

Zoom Microscopy Solutions Dual light stable stand with Ball bearing focusing controls.Optional Fluorescent light. Boom stand, Bonder Arm, Double Bonder Arm Binocular or trinocular tube 450 inclined, 3600 rotatable, IPD 55-75 mm with Dioptric adjustment on left ocular Wide Field eyepiece WF 10x/20 mm paired Continuous Zoom Ratio: 1:6.4 Magnification: 7x-45x(with 10x Eyepieces) Built-in illlumination system:12V15W Halogen reflector type incident light and sub-stage Fluorocent light 12V-7W Auxilary Objectives: 0.5x, 1.5x and 2.0x (optional)
Extra Accessories: Darkfield attachment, Polarizing Kit, Ring light, Fiber Optic Illumination, Goose neck Dual Fiber Optic light,Adaptor for CCD Camera, Adzpter for Digital Still Camara

CAD CAMERA

Cad Camera	DG CAM 1000	DG CAM 1300	DG CAM 3000
IMAGE DEVICE	1/3"Color CCD sensor	1.3 Megapixel Color CMOS sensor	3.0 Megapixel Color CMOS sensor
IMAGE RESOLUTION	720 x 576 pixels (PAL)	720 x 480 (NTSC) Effective Pixels 1280 (H) x 960 (V)	Effective pixels 2048 x 1536, 3.2um square pixels
SCANNING SYSTEM	Up to 25 fps at 720 x 576 for PAL, 30 fps at 720 x 480 for NTSC	Progressive scan	Progressive scan
DATA TRANSFER	7.5 MB/second	480 MB/second	480 MB/second
MIN. ILLUMINATION	0.8 lux	I lux	I lux
INTERFACE	USB v2.0, S-Video and RCA	USB v2.0	USB v2.0
SOFTWARE	dgsoft ProMED' Ver. 5.06/ dgsoft ProMAT' Ver. 4.06 Image Analysis Software as per application	dgsoft ProMED' Ver. 5.06/ dgsoft ProMAT' Ver. 4.06 Image Analysis Software as per applicat	dgsoft ProMED' Ver. 5.06/ dgsoft ProMAT' Ver. 4.06 Image Analysis Software as per applicat
SYSTEM CPU REQUIREMENTS	Pentium IV or Higher, RAM : 512 MB or more, Hard Disk Space : 100 MB or more, Windows 98SE/ME/2000/XP, CD-Rom drive and USB 2.0 port		

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ULTRASONIC BATH

Digital Ultrasonic Cleaners

Applications:

* Routine cleaning & mixing applications at all Laboratories - QC, QA, R&D, Pathology, Micro.

* Doctors, Hospitals,eye glasses and Dentures.

* Gold & silver jewellery, Necklaces, Earrings, Bracelets.

* Electric shaver heads, Razor blades,, Badges, Baby articles, Pen-heads, Printer-heads, Inkjet cartridge, Ancient coins, Lab instruments, Electronic products, Medical instruments. more.

Specifications	Model Lu13	Lu25
Capacity Volume	1300 ml	2500 ml
Voltage	AC 220V~240V 50/60Hz	AC 220V~240V 50/60Hz
Frequency	40 Khz	42 Khz
Power	60W	80W
Timer	5 cycles	5 cycles
Heating	Yes	Yes
Display setting	LCD Digital	LCD Digital
Tank size	17.5×14.5×7cm (L*W*H)	24x14x10 cm
Exterior size	23 ×18×16cm (L*W*H)	26x26.5x13 cm
Packing size	28×22×16.9cm (L*W*H)	31x30.5x14 cm
N.W(unit)	1800g	2500g
G.W(unit)	2200g	3000g
Tank Material	SUS304	SUS304

Applications :

Laboratory	:	For Glassware, Filter, Cleaning and HPLC Mobile, Phase Degassing
Industrial	:	Printed Circuit Boards, Semi-Conductors, Electronic Components, Precious Parts and Mechanisms
Medical	:	Dental and Surgical Instruments
Optical	:	Spectacles, Spectacle Frames, Lenses
Jewellery	:	For all kinds of Jewellery, Precious Stones etc.
TO REMOVE	:	Dust, Oils, Greases, Polishing Compound, Waxes, Swarf, Stains, Soils and any other Contaminants.

Silent Features :

- Easy to operate & made of one piece S. S. Tank
- Indigenously manufactured with advanced MOSFET technology, with Auto-tuning facility
- Compact, rugged and highly durable systems
- Extensively protected electronic circuits means longer and safer operations
- Digital tuning of Transducers with Generators to avoid any frequency shifted even during demanding applications Technical Specification
- Operating frequency 33 3KHz, for all general purpose cleaning is highly recommended
- Input Voltage range of 170V AC - 270V AC, 50Hz, 1Ph
- Micro Controller based timer range 0 to 30/99 minutes
- Thermostatic controlled temperature controller

Model Capacity Tank Size Overall Dimension Wattage

Model	Capacity	Tank Size (L x B x H) mm	Dimension (L x B x H) mm	Wattage
LU 15	1.5 Ltr	240 x 135 x 65	265 x 160 x 180	60 W
LU 35	3.5 Ltr	300 x 150 x 100	330 x 175 x 250	120 W
LU 65	6.5 Ltr	300 x 150 x 100	450 x 200 x 350	200 W
LU 09	9.0 Ltr	300 x 200 x 150	450 x 300 x 375	250 W

Higher capacity 36Ltrs • 45Ltrs & OTHER Higher capacities other than mentioned are also available
Optional Accessories - Heater Digital Temperature Controller (DTC).

CALIBRATION MACHINE

VOLUMETRIC GLASSWARE

Glassco LOBAlife has in house well equipped temperature controlled calibration laboratory with electronic precision balances, temperature indicators that are traceable to international standards, computerized machines, experienced & trained manpower for calibration of volumetric glassware.

Volumetric glassware are first calibrated with computer controlled calibration machines with distilled water. The meniscus is determined electronically for the exact lowest point by an electronic eye, the calibration mark is applied at the same moment. Due to this, you get accuracies that can never be achieved manually. Calibration marks are applied with fine diamond marking tools for clear visibility and evenness of location.

Unlike other manufacturers, all volumetric glassware goes through a subsequent batch testing. A 10% sample is regularly verified for calibration accuracy. A record of the tests in maintained in the database and is used for statistical quality control.
As we manufacture glassware with sizes, accuracy of calibration as per DIN, ISO ,ASTM and USP standards, calibration data is recorded for each product kind! . The products are subsequently also tested for quality of prints, resistance to chemicals, interchangeability and mechanical strength to automatic cleaning equipments!

Volumetric glassware is available with certification, both individual as well as batch. Individually certified glassware is individually numbered and provided with an individual calibration certificate in a pack of one. Batch certified glassware is available in a pack of one with batch record of calibration.
The samples of Batch and Individual Certificates are given on left hand side.
Chemical Durability
LOBAlife Glassware in highly resistance water, neutral and acid solutions, concentrated acids and their mixtures as well as to chloride, bromine, iodine, and organic matters. Even during extended period of reaction and at temperatures above 100° C, its chemical resistance exceeds tha of mot metals and other materials. It can withstand repeated dry and wet sterilisation without surface deterioration and subsequent contamination.
Resistance to attack of various chemicals is shown under. Only hydroflioric acid, very hot phosphoric acid and a ature.

Contact Chemical	Duration in hour	Loss in Wt. mg/m
Water distilled at 100°C	6	10
Water Vapour Steam at 121°C	1	75
Acid HCI	6	100
80% H2So4at 130°C	12	140
Alkali-1N soln. of NA2Co3		
boiling Infusion Fluids Isotonic	6	4000
Nacl(0.85%) 121°C 2.	5	70
Glucose(5%)121°C 2.	5	50

HEATING AND COOLING

Glass may suffer damage in three ways:
» It may break under thermal stress in the steady state, that is when there is established constant thermal gradient through the glass.
» It may break under the transient stress of a 'thermal shock', that is sudden heating or cooling.

Glassware

Test Tube Round Bottom, Plain Boro 3.3, With Rim.

Art No	Capacity	Height x O.D. (mm)	Wall thickness	Pack size
097.202.01	03 ml Plain	10x75 mm	1.0 mm	100
097.202.02	05 ml Plain	12x75 mm	1.0 mm	100
097.202.03	08 ml Plain	12x100 mm	1.0 mm	100
097.202.09	10 ml Plain	15x150 mm	1.2 mm	100
097.202.04	10 ml Plain	15x125 mm	1.2 mm	100
097.202.05	25 ml Plain	18x150 mm	1.2 mm	100
097.202.12	75 ml Plain	25x100 mm	1.2 mm	100
097.202.06	50 ml Plain	25x150 mm	1.2 mm	100
097.202.07	75 ml Plain	25x200 mm	1.2 mm	100

Art No	Capacity ml	Sub div. ml.	Tolerence (+/-ml)	Pack size
110.223.01	10			5
110.223.02	25			5
110.223.03	50			5

Burette with Screw Type Needle Valve PTFE Stopcock. With Individual Work Certificate, Serially numbered, Accuracy as per AS DIN 12700 ISO 385.

Art No	Capacity ml	Sub div. ml.	Tolerence (+/-ml)	Pack size
113.223.01	10	0.050	0.020	12
113.223.02	25	0.100	0.050	12
113.223.03	50	0.100	0.050	12

Burette with Straight Bore PTFE Key Stopcock
Accuracy as per AS DIN 12700 ISO 3

Art No	Capacity ml	Sub div. ml.	Tolerence (+/-ml)	Pack size
114.222.01	10	0.050	0.020	12
114.222.02	25	0.100	0.050	12
114.222.03	50	0.100	0.050	12

Olumetric Flask -Class B-Amber With One Graduation Mark and stopper made of Polythelene ISO 1042 DIN 12664. Accuracy as per class A. With LOT Certificate

Art No	Capacity ml	Sub div. ml.	Tolerence (+/-ml)	Pack size
130.222.01A				2
130.222.02AB				2
130.222.03A				2
13				2
				2
				2
				2
				2
				2
				1
				1

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Measuring Cylinders, with Spout & Hexagonal Base Class A DIN 12680,
With Individual Work Certificate, Serially numbered.

Art No	Capacity ml	Sub div. ml.	Tolerence (+/-ml)	Pack size
139.223.01A	10			2
139.223.02A	25			2
139.223.03A	50			2
139.223.04A	100			2
139.223.05A	250			2
139.223.06A	500			2
139.223.07A	1000			2

Funnel Filtering 60 deg angle with stem

Art No	Diameter	Pack size
238.202.02	35 mm	10
238.202.05	50 mm	10
238.202.09	75 mm	10
238.202.11	100 mm	10

Petri Dish

Art No	Diameter	Pack size
248.202.01	50 x 17 mm	10
248.202.02	80 x 17 mm	10
248.202.03	100 x 17 mm	10
248.202.04	150 x 20 mm	10

Reagent Bottles Narrow Mouth Boro 3.3, Hollow Stopper

Art No	Diameter	Pack size
272.202.02	60 ml	10
272.202.03	125 ml	10
272.202.04	250 ml	10
272.202.05	500 ml	10
272.202.06	1000 m	6
272.202.07	2000 ml	6

Ottles B.O.D with Interchangeable Stopper

Art No	Capacity (ml)	Pack size
284.202.01	125 ml	2
284.202.02	300 ml	2

GAS GENERATORS & ACCESSORIES

GAS PURIFICATION & CONTROL SYSTEM

Salient Features :

- Deliver Ultra High Pure (UHP) Grade Gases
- Compact Design, Wall Mounted, Powder Coated
- Filters are easily detachable
- 1/4" or 1/8" Fittings & Tubings for each Gas Line
- Suitable for 10kg/cm² inlet pressure & 7 kg/cm² outlet pressure
- Panel for LC-MS-MS are also available
- Custom made Gas Filter Station can be made as per

Benefits for GC

- Reduce baseline noise, drift problems, etc.
- Increase column life, GC detectors & reduces flame problems
- Improve reproducibility
- Save costly gases through toggle valves & gas distribution panel

Model Gpp-01 for Air, Nitrogen & Hydrogen

Model Gpp-02 for Argon Gas (Helium), Nitrogen & Hydrogen

- **Zero Air Generator for GC & TOC**
- **Nitrogen Gas Ge**

pH Meters

Model pHA-3

A wide range of pH meters for use in research,quality control and education is available from Loba Life. The instruments are very simple to use and housed in elegant cabinets. Micro controller based compensation, memory for calibration etc. is possible.

pHA-1 : Digital pH meter.
pHA-2 : pH/mV/Temp. Analyzer, (Two point calibration)
pHA-3 : pH/mV/Temp. Analyzer, (Three point calibration)
pHA-4 : pH/mV/Temp. Analyzer, (Up to 3 / 5 point calibration)
pHA-5 : Micro controller based handheld pH Analyzer

Model pHA-5

Conductivity Analyzer

Model CONA - 9

Various model of conductivity meters are manufactured by Loba Life for use in Educational Institutes, Laboratories, Thermal Power Plants and other industries. Advanced Micro Controller circuits are used in some models which gives excellent features like auto temperature compensation, printer port etc.

CONA -7 : Microcontroller based conductivity analyzer
CONA -8 : Microcontroller based conductivity / TDS analyzer
CONA -9 : Microcontroller based conductivity / TDS / Resistivity analyzer. Report formation as per GLP Compliance 150. Real date and time operator name, sample name, searching of data as per batch no., results hold / un-hold facility etc.

Model CONA - 8

Photoelectric colorimeter

Digital Photoelectric colorimeter

Loba Life offers wide range of colorimeter for

Water Analyzer

The micro controller based instrument measurespH/ mV/ ORP, Conductivity/ TDS/ Salinity, Dissolved Oxygen, Temperature, Colorimetric - Abs, %T& Conc. & Turbidity

Portable WaterAnalyzer

MPBPA-17

Microcontroller Based Melting / Boiling Point Apparatus.

Models available

MPBPA-17 & MPBPA -18

TITA - 14

Titrators are designed to carry out various types of titration accurately. The instruments are conveniently desinged with a built-in magnetic stirrer and speed controller. The solid state circuitry gives highly reliable performance. The "START"and "FINISH" of titration is backed by audio and visual indicating the END POINT reached is correct. All glass parts are built to precision using Borosil glass. Special auto zero burettes and reaction vessels are provided to eliminate human errors.

TITA-11 : Automatic Karl Fischer Titrator.

TITA-12 : Microcontroller based Karl Fischer Titrator.
16 x 2 line backlit LCD display built in Magnetic Stirrer.

TITA-13 : Microcontroller based Karl Fischer Titrator.
same as above (TITA-12) 20 x 4 line backlit LCD display.

TITA-14 : Microcontroller based Karl Fischer Titrator.
Same as above (TITA-13) but with PC attachment., more than 100 reading storage facility.

TITA - 11

- **Polaro scan :**
  - Determination upto five elements (E1/2 & id) with single measurements.
  - Direct measurement of concentration of unkn

Also ask for :

- **Digital Gasflow Meter :** Usefull for measuring Glasflow in various models from 1ml/min to 4000ml/min. in 6 various Models.
- **Digital Nephelopo / Turbidity Meter**

- **Photo - Fluorometer**

  Photo - Fluorometer is designed for flurescence studies in routine or research work in Pharmaceutical, Medical. Agricultural and other applications. The instruments are accurate, sensitive and can be operated without any special skill or training.

Ribbons

We strive to give the best quality ribbons for your finest presentation. Our ribbons, having high performance coating, give crystal clear print impressions with the minimum alteration to the print heads. Harsh environment or frequent scanning of labels does not affect the precision reading of the printed barcode or graphics.

We Provide all kinds of Ribbons, viz. :

- Wax
- Wax - Resin
- Resin
- Wash care
- Color Ribbons

To suit today's most sophisticated printers, excellent thermal transfer Ribbons are manufactured from European raw material stock by using the state of the art technology to give utmost customer satisfaction. The complete range of Ribbons are available in various colours and Sizes which are compatible with all the barcode machine like Zabra, sato, Tec, Datemax, Argox, Anery, Dennision, cab and all other Thermal Transf

SAFETY PRODUCTS

• Safety Clothing • Lab Clothing

Ladies
Lab Coat

Gents
Doctor's Coat

Technician's Coat

Nurse's Coat

Coveralls in contrast colors.

- Safety PVC Apron
- Safety clothing for industries

• HEAD & EAR PROTECTION

Helmet with
Ear Protection

Ear buds

Ear Muffs

Head Gear

Helmet with Eye Protecion

• EYE PROTECTION

Safety Goggles

Protective Spectacles

Maximum Coverage Spectacles

Overspect Glasses

Nylon Frame Spectacles

• SAFETY SHOWERS

Safety Showers

Safety Showers

Emergency
Eye wash Bottle

• RESPIRATOR

Comfort Cup
Style Respirator

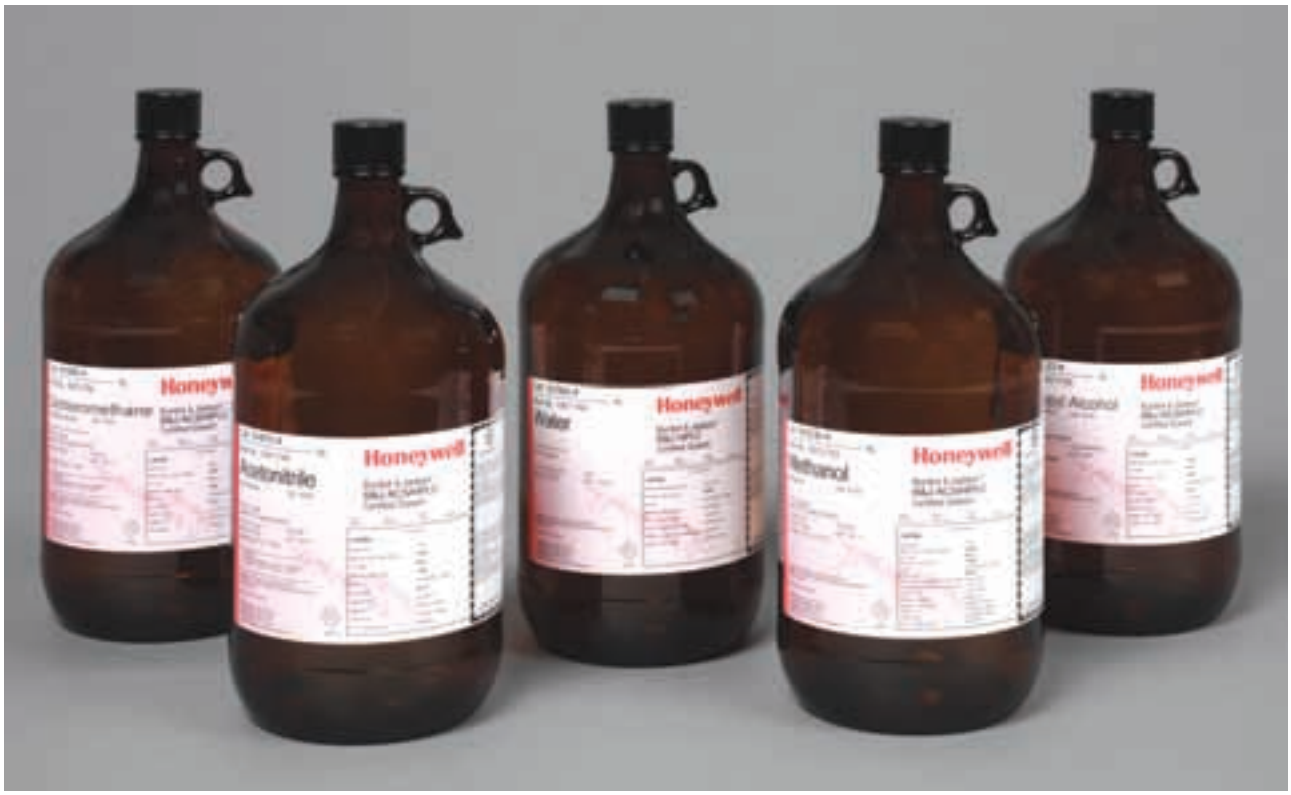
Comfort Cup
Style Respirator

- Disposable caps
- Disposable masks also available.

LOBA Chemie
LABORATORY REAGENTS
& FINE CHEMICALS

Product Range

- Laboratory Reagents
- Fine Chemicals
- Dry Solvents
- High Purity Acid
- Biological Stains
- Concerted Volumetric Solutions (CVS)
- HPLC Solvents
- Biochemicals



Applications and industries served

Honeywell Burdick & Jackson™ manufactures products ranging from high purity solvents to custom-made reagents. Our products have earned recognition for purity, consistency and reliability. The following chart summarizes the applications and industries in which our products are used:

Product Line	Application	Industries Served
B&J Brand® Solvents	For HPLC, gas chromatography, pesticide residue analysis, spectrophotometry and combinatorial chemistry	Environmental, biotechnology, pharmaceutical, chemical, food, petrochemical, industrial, academic, research
BioSyn® Solvents	For biosynthesis and other applications requiring extremely low water content	Biotechnology, pharmaceutical, academic, research
BioSyn® DNA Reagents Reagents	specifically processed and purified for oligonucleotide synthesis	Biotechnology, pharmaceutical, academic, research
ACS/HPLC Solvents	For HPLC, spectophotometry and applications requiring ACS reagent-grade solvent	Pharmaceutical, academic, general, industrial
Anhydrous Solvents	For organic synthesis, organometallic, oligonucleotide, combinatorial chemistry and other applications requiring extremely low water content	Pharmaceutical, research, academic, industrial, chemical
B&J GC2® Solvents	For capillary gas chromatography applications requiring trace analysis at or below the part-per-billion level	Environmental, research
Purified Plus® Solvents	For specialty organic synthesis, preparative scale liquid chromatography, glassware cleaning and applications requiring ACS reagent-grade solvent	Pharmaceutical, academic, pilot plant
Laboratory Plus Solvents	For preparative scale HPLC, organic synthesis, titrations, cleaning and less demanding isocratic HPLC. ASC certified, reagent-grade solvents	Academic, industrial, pharmaceutical
Honeywell LabReady™ Solvent Blends	A wide variety of ready-to-use solvents for laboratory applications, eliminates concern about contamination or exposure that might occur from blending solvents with standard mixing equipment	Pharmaceutical, research, biotechnology

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