

LabQuest by Borosil are products that meet Borosil's high standards of reliability, performance and value.

All products are backed by Borosil's robust service and after sale support.



- PROXIMATE ANALYSIS
- ENVIRONMENTAL ANALYSIS
- LAB ESSENTIALS & SYNTHESIS EQUIPMENT
- LIQUID HANDLING SYSTEMS AND LIFE SCIENCE

Kjeldahl

Magnus Digesters

Automatic Kjeldahl Digestion unit with auto lift
8 / 12 / 20 position aluminium heating
block that offers excellent thermal
homogeneity and stability.



Technical Data & Ordering Information

Model Name	KBD083	KBD123	KBD203
Type	Block Digester	Block Digester	Block Digester
No. of positions	8	12	20
Tube capacity (ml)	250 / 400		
Temperature Range	Ambient to 470°C		
Timer Range	1-1200 mins		
Temperature Precision	±1°C		
Ramp and Hold	upto 4		
Presets	upto 50, editable		
Auto scrubber ON/OFF	Yes		
PID control	Yes		
Autolift	Yes		
Auto cut OFF after achieving set time	Yes		
Temperature Calibration	Yes, single and two point		
PC & Printer Connectivity	Yes, upgradable		
Display	Graphical LCD		
Body	Stainless steel with control pannel of FRP		
Current Consumption	6A	8A	12A
Dimensions (W × D × H)	(416 × 554 × 595) mm		(410 × 585 × 735) mm
Power Consumption	1400W	2100W	2800W
HSN Code	84198990		
Ordering Code	BLFAKBD08300000000	BLFAKBD12300000000	BLFAKBD20300000000
Prices / Piece	On Request		

Kjeldahl

Oracle Digesters

Kjeldahl Digestion unit with 6 / 8 / 12 position aluminium heating block that offers excellent thermal homogeneity and stability.



Technical Data & Ordering Information

Model Name	KBD062	KBD082	KBD122
Type	Block Digester	Block Digester	Block Digester
No. of positions	6	8	12
Tube capacity (ml)	250/400		
Temperature Range	Ambient to 470°C		
Timer Range	1-1200 mins		
Temperature Precision	±1°C		
Ramp and Hold	upto 4		
Presets	upto 50, editable		
Auto scrubber ON/OFF	Yes		
PID control	Yes		
Autolift	No		
Auto OFF after achieving set time	Yes		
Temperature Calibration	Yes, single and two point		
PC & Printer Connectivity	Yes		
Display	Graphical LCD		
Body	Stainless steel with control pannel of FRP		
Current Consumption	6A	6A	8A
Dimensions (W × D × H)	(410 × 585 × 735) mm	(410 × 585 × 735) mm	(416 × 554 × 595) mm
Power Consumption	1400W	1400W	2100W
HSN Code	84198990		
Ordering Code	BLFAKBD06200000000	BLFAKBD08200000000	BLFAKBD12200000000
Prices / Piece	On Request		

Optional Accessories

Oracle Kjeldahl Digesters

Description	Ordering Code	Prices / Piece
Viton Rubber Tube - 10 mm ID × 14 mm OD – 1 Mtr	BLA0VRT10D0014DBLK	4,200.00
Teflon Fume Cap ACCS (Case Lot – 01 No)	BLAAFUT100PTFE1651	2,040.00
KBD062 Fume Extractor	BLAAKBD06230000000	11,530.00
KBD080 Fume Extractor Glass ACCS	BLA0FUTKBD080D2510	13,830.00
KBD082 Fume Extractor	BLAAKBD08230000000	17,560.00
KBD083 Fume Extractor ACCS	BLAAKBD08330000000	18,610.00
KBD123 Fume Extractor ACCS	BLAAKBD12330000000	23,890.00
KBD200 Fume Extractor Glass ACCS	BLA0FUTKBD200D2510	16,270.00
KBD203 Fume Extractor ACCS	BLAAKBD20330000000	31,180.00
KBD062 Cooling Tray	BLAAKBD06170000000	7,330.00
KBD082 Cooling Tray ASM ACCS	BLAAKBD08250000000	7,740.00
KBD123 Cooling Tray ASM ACCS	BLAAKBD12350000000	9,770.00
KBD203 Cooling Tray ASM ACCS	BLAAKBD20350000000	12,200.00
KBD062 Test Tube Holder ACCS	BLAAKBD06220000000	7,660.00
KBD082 Test Tube Holder ACCS	BLAAKBD08220000000	13,290.00
KBD083 Test Tube Holder ACCS	BLAAKBD08320000000	15,620.00
KBD122 Test Tube Holder ACCS	BLAAKBD12200000000	18,570.00
KBD123 Test Tube Holder ACCS	BLAAKBD12320000000	20,680.00
KBD203 Test Tube Holder ACCS	BLAAKBD20320000000	22,750.00
250 ml Borosilicate Test Tube ASM (Case lot-5)	BLMATTB01041250000	11,620.00
400ml Borosilicate Test Tube ASM (Case lot-5)	BLAATTB01050400001	13,550.00
Quartz Test Tube 250ml ASM (Case lot-2)	BLGATTQ01041250000	10,210.00

Accessories

Magnus Kjeldahl Distillation / Oracle Kjeldahl Distillation

Optional Accessories

Description	Ordering Code	Prices / Piece
Silicon Transt Tube-8 mm ID × 10 mm OD - 1 Mtr	BLA0STT8D00012TRNP	220.00
Clear Braided PVC Hose Pipe ACCS - 1 Mtr	BLA0PIPPVC0HOS00CB	1,220.00
KDI PTFE Tube - 10 mm OD × 08 mm ID - 1 Mtr	BLA0TUB000PTFE1008	4,070.00
KDI FLOW SWITCH ASM ACCS	BLAAKDI05010000001	3,480.00
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY	1,390.00
Oven Mittes - KDI ASM	BLA0OVM000KDI00000	570.00
KDI PP Jerry Can ACCS	BLA0JCNPP00000005L	750.00

Fume Scrubber

Safe, zero exposure & high capacity
fume scrubber for Kjeldahl digestion systems



KSC020

Technical Data & Ordering Information

Model Name	KSC010	KSC020
Current	1A	1A
Pump delivery Rate	28 Ltr/Min	45 Ltr/Min
Dimensions (W × D × H)	(445 × 375 × 460) mm	
HSN Code	84198990	
Ordering Code	BLFAKSC01000000000	BLFAKSC02000000000
Prices / Piece	On Request	

Optional Accessories

Model Name	Ordering Code	Prices / Piece
Silicon Transt Tube - 8 mm ID × 10 mm OD - 1 Mtr	BLA0STT8D00012TRNP	220.00
Viton Rubber Tube - 10 mm ID × 14 mm OD - 1 Mtr	BLA0VRT10D0014DBLK	4,200.00
Clear Braided PVC Hose pipe ACSS	BL0PIPPVC0HOS00CB	1,220.00
2L Reagent bottle - 1500030 ASM	BLA0BGW10001500030	2,380.00
KSC 020 Condenser V2 ASM	BLAAFUTV2KSCCD2932	5,380.00
KSC 010 Condenser V3 ACSS	BLAAFUTV3KSCCD2932	5,870.00
KSC Carbon Bottle ASM	BLAACRB02020018000	3,170.00

Kjeldahl

Magnus Distillation System with Inbuilt Autotitrator

Smart, efficient distillation systems for labs now available with Inbuilt Autotitration

Excellent features with high reliability and advance performance.



Technical Data & Ordering Information

Model Name	KDI060	Model Name	KDI060
Auto reagent addition	Distilled water	Alkali	Boric Acid
Steam addition	Automatic	Titration Type	pH base
Display	7" colored touch screen	Rinse receiver vessel with distilled water	Automatic
Tube Capacity (ml)	250 / 400 ml	Titration Cleaning Vessel	Automatic
Steam power regulation (Adjustable)	10 to 100%	Detection Limit	0.1ml
Minimum distillation time (mins)	5	Analysis time	Automatic
Reagent level sensor	Yes	Titration Residue Removal	Automatic
Anytime alkali addition	Yes	Boric Acid Addition	Automatic
Tube error detection	Yes	Burette Resolution	0.03ml/drop
Door close sensor	Yes	Power Supply	230V/50Hz
Process resume from stop	Yes	Current Consumption	10A
One point calibration alkali and distilled water pump	Yes	Power Consumption	1800 W
Two point calibration for acid pump	Yes	Dimension (L x B x H) mm	(480 x 470 x 820) mm
Real time monitoring of process parameter	Yes	HSN Code	84198990
SELV protection	Yes	Ordering code	BLFAKDI06000000000
Programs	40 preset, 10 user editable	Price / Piece	On Request
PC Connectivity	Yes		
Nitrogen recovery	>99.5%		
Nitrogen reproducibility	0.01		
RSD	<1%		
LOD	1-200mg with of = 0.1mg of Nitrogen		

Kjeldahl

Magnus Distillation System

Smart, efficient distillation systems for labs.
Excellent features with high
reliability and advance performance.



Technical Data & Ordering Information

Model Name	KD1050
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Tube Drain	Automatic
Display	7" colored touch screen
Tube Capacity (ml)	250 / 400 ml
Steam power (Adjustable)	10-100%
Minimum distillation time (mins)	5
Reagent level sensor	Yes
Anytime alkali addition	Yes
Tube error detection	Yes
Door close sensor	Yes
Process resume from stop	Yes
One point alkali and distilled water pump	Yes
Two point calibration for acid pump	Yes
Real time monitoring of process parameter	Yes
SELV protection	Yes
Programs	40 preset, 10 user editable
PC Connectivity	Yes
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1 %
RSD	<1%
LOD	1-200mg with of = 0.1mg of Nitrogen
Current Consumption	10A
Power consumption	1800 W
Dimension (L × B × H) mm	(480 × 470 × 820) mm
HSN Code	84198990
Ordering Code	BLFAKD105000000000
Price / Piece	On Request

Kjeldahl

Oracle Distillation System

Smart, efficient distillation systems primarily for kjeldahl analysis with simple and reliable features.



Technical Data & Ordering Information

Model Name	KD1040
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Display	LCD
Tube Capacity (ml)	250 / 400 ml
Steam power (Adjustable)	25%-100%
Minimum distillation time (mins)	5
Reagent level sensor	Yes
Anytime alkali addition	Yes
Tube error detection	Yes
Door close sensor	Yes
Process resume from stop	Yes
One point alkali and distilled water pump	Yes
Two point calibration for acid pump	Yes
Real time monitoring of process parameter	Yes
SELV protection	Yes
User Editable Programs	50 Programs
PC Connectivity	Yes
Nitrogen recovery	>99.5%
Nitrogen reproducibility	±1 %
RSD	<1%
LOD	1-200 mg with of = 0.1 mg of Nitrogen
Current Consumption	5.5A
Power consumption	1000 W
Dimension (L × B × H) mm	(650 × 350 × 725) mm
HSN Code	84198990
Ordering Code	BLFAKD104000000000
Price / Piece	On Request

Kjeldahl

Classical Distillation Unit

Safe, simple, efficient distillation systems for labs



CKD065

Technical Data & Ordering Information

Model Name	CKD015	CKD065
No. of positions	1	6
Flask Capacity	500 ml Kjeldahl Flask. Also compatible with 800 ml Kjeldahl Flask	
Element Temperature	450°C	
Temperature regulators	1	6
Display	LED Display with time, safe temperature & process status	
Timer	1-999 Minutes	
Power consumption	150 W	900 W
Electrical regulation	0.65 A	3.9 A
HSN Code:	84198990	
Ordering Code	BLFACKD01500000000	BLFACKD06500000000
Prices / Piece	On Request	On Request

Accessories

Description	Ordering Code	Prices / Piece
Graham Condenser 200mm Jacket ACCS	BLA0BGW200KJDLGHM0	4,890.00
CLASSICAL KJELDHAL SPLASH HEAD-2429 ACCS	BLA0KSH24291926CKJ	2,330.00
CKD065 with Stand ASM (Entire assembly without glass parts)	BLAACKD06500000000	75,770.00
CKD015 with Stand ASM (Entire assembly without glass parts)	BLAHCKD01510000000	3,870.00

Note : All accessories are provided by default with the unit

Alcohol Distillation Unit with Chiller

- Smart way to analyse alcohol content in sample.
- Quick distillation saves time
- A chiller gives effective condensation and helps detect close to accurate alcohol content.



Technical Data & Ordering Information

Model Name	KD1040
Tube capacity (ml)	250 ml/ 400 ml
Steam addition	Automatic
Display	24 × 7 LCD
Cooling water flow rate sensor	Yes
Drip tray	Yes
Visual reagent level warning	Yes
Steam power	Adjustable
Steam output regulation	25-100%
Maximum distillation time (mins)	20 mins
Tube error detection	Yes
Door close sensor	Yes
Control button	Rotary push button
Dimensions (W × D × H)	(380 × 350 × 725) mm
Current consumption (A)	5.5 A
Power consumption (W)	1000W
Voltage	230- 50/ 60 Hz
HSN Code	84198990
Ordering Code	BLFAKD104000000000
Prices / Piece	On Request

Technical Data & Ordering Info

Model Name	CHL010
Tank capacity	8 L
Tank size (L × W × D) mm	(325 × 265 × 200) mm
Cooling capacity	1000 W
Pump flow rate	12.5 LPM
Display	LED
Temperature stability	± 1.0°C
Temperature range	-10 to ambient
HSN Code	84198990
Ordering Information	BLFRCHL010000000000
Prices / Piece	On Request

Fat Determination by Soxhlet Extraction

Delivering classical solutions with modernized approach for fat extraction



Technical Data & Ordering Information

Model Name	SOX012	SOX015	SOX062	SOX065
Positions	1	1	6	6
Flask Capacity (ml)	250	500	250	500
Extractor capacity (ml)	100	200	100	200
Display Timer	1-999 min			
Dimension (W × D × H)	200 × 300 × 800 mm		1050 × 300 × 800 mm	
Weight (Kgs)	7		15	
Power (W)	400 W		2400 W	
HSN Code	84198990			
Ordering Code	BLFRSOX 01200000000	BLFRSOX 01500000000	BLFRSOX 06200000000	BLFRSOX 06500000000
Price / Piece	On Request			

Accessories

Description	Ordering Code	Prices / Piece
SOX012 with Stand ASM (Entire assembly without glass parts)	BLAASOX01210000000	17,950.00
SOX015 with Stand ASM (Entire assembly without glass parts)	BLAASOX01510000000	19,010.00
SOX062 with Stand ASM (Entire assembly without glass parts)	BLAASOX06200000001	70,160.00
SOX065 with Stand ASM (Entire assembly without glass parts)	BLAASOX06500000001	80,610.00
SOXHLET 100 ML EXTRACTOR	BLA0SOXEXT10044327	5,500.00
SOXHLET 200ML EXTRACTOR	BLA0SOXEXT20048394	5,810.00
SOXHLET CONDENSER FOR 100ML EXT V2 ACCS	BLA0CON000SOX100V2	7,330.00
SOXHLET CONDENSER FOR 200ML EXT V2 ACCS	BLA0CON000SOX200V2	7,970.00

Rapid Fat Analyser

- Rapid fat extractor with benchmarking features of auto solvent Recovery, Boiling & Rinsing process
- Individual operating positions
- Up to 2 times faster than traditional method
- Water flow detection for condenser
- Easy to remove condenser for cleaning



Technical Data & Ordering Information

Model Name	FAS060
No of positions	6
Individual Operating Position	Yes
Sample size	0.5 gm to 10 gm
Recovery of Solvent	80-85%
Limit of detection	0.1% to 100 %
Display	7" touch screen
Heating profile	Energy regulator 1 to 10
Water flow sensor	Yes
Beaker solvent capacity	150 ml
Condenser	Seal Viton (FKM)
Chiller water temp	10-15°C
Heater temp range	280°C
Recovery bottle capacity	2 liter
Flow cut off sensor	Yes
Vacuum pump flow rate	7 LPM
Power supply	230 V 50 – 60 Hz
Current Consumption	5.2A
Power consumption	1500 W
Dimensions (L × B × H) mm	(700 × 355 × 660) mm
HS Code	84198990
Ordering code	BLAFAS06000000000
Price / Piece	On Request

Note : For optimization of processes, Recommended for chillers.

Accessories

Description	Ordering Code	Pack Size	Price/ pack
FAS060 CELLULOSE THIMBLE 33X80 MM ACCS	BLA0FAS060THIM3380	25	14,550.00
FAS060 THIMBLE HOLDER ACCS	BLA0FAS060000000003	6	On Request
FAS060 BEAKER 55MM DIA ACCS	BLA0FAS060BKR55124	6	On Request
FAS060 RANDALL CONDENSER ACCS	BLA0FAS060CON56326	1	On Request

Rapid Fiber Analyser

- Fiber bag spacer method to increase throughput
- Automatic agitation using radial flow stirrer for maximum efficiency
- Non - Pressurized system for user safety
- Buzzer alert upon process completion
- Drop in coupling to ensure perfect head to base fit
- Compact design reducing bench space
- Performs Crude Fiber, ADF, ADL and NDF determinations
- Use a fat extral for to defat sample before fiber analysis



Technical Data & Ordering Information

Model Name	MFB008
No of positions	8
Sample size	0.5 - 3 gm
Measuring Range	0.1 % - 100 %
Drop-in coupling	Yes
Fiber bag material	Nylon
Agitation	Automatic
Stirrer type	Radial flow stirrer
Beaker volume	3 L
Reagent required per process (acid & alkali)	1.2 liter
Power supply	200 - 240 V 50 - 60 Hz
Current Consumption	4A
Total Power consumption	750 Watts
Dimensions (LxBxH) mm	(235 × 370 × 644) mm
HS Code	84198990
Ordering code	BLFAMFB00800000000
Price / Piece	On Request

Note : For optimization of processes, Recommended for chillers.

Accessories

Description	Ordering Code	Pack Size	Price/ pack
MFB008 Fiber Filter Bag ACCS	BLAAMFB008CRC00000	300	27,000.00
MFB008 GLASS SPACER ACCS	BLAAMFB00810000004	2	6,750.00
MFB008 INSERT RACK ACCS	BLARMFB00811000000	1	On Request
MFB008 SILICA CRUCIBLE WITH LID ACCS	BLAAMFB008CRCLIDAC	8	On Request
MFB008 Fiber Filter Bag ADF/NDF ACCS	BLAAMFB008CRC0ADND	300	On Request

Moisture Analyser

- Ultra-fast and uniform halogen heating
- Increased capacity of 60gm
- Mono-tech sensor for accurate results
- User Friendly Interface
- Different Drying Modes for variety of application



Technical Data & Ordering Information

Model Name	MB63
Readability	0.001
Repeatability (Sd) for initial sample wt. = 2gm	0.10%
Repeatability (Sd) for initial sample wt. = 10gm	0.03%
Units of measurements	%M, %D, %R (Ratio), Gm/Lt, %M Atro, %D Atro
Data Storage	Last 1000 moisture determination results
Max. sample weight	60gm
Minimum sample weight	0.2gm
Readability	0.001gm
Technology	Halogen
Temperature Range	30 - 175 °C (Optional 250 °C)
Temperature Increment	1°C
Switch off criteria	Auto manual, User Def weight /Time, User Def % Unit/Time, Intelligent
Auto Method development	Intelligent
Method memory	40
Batch Memory	100
Method designation	Alpha numeric
Serial number	Yes
Display	Graphical display with LED backlight
Data interface	Rs.232 C bidirectional, USB Ethernet
Print	GLP/GMP compliant, User configurable
Test	Weighing and heater
Weight in assist	Yes
Weight	5 Kg
Power Supply	230V/50Hz or 115V/60Hz
Power Consumption	415 W
Current Consumption	1.8A
Dimension (W × D × H) mm	(211 × 342 × 178) mm
HS Code	90160010
Ordering Code	100MB630000000
Price / Piece	On Request

Accessories

Description	Ordering Code	Pack Size	Price/ pack
Aluminium Dish	100MB63DAD0000	40	9,000
Glass Fiber Filter- 47 mm	FPBGF50A0047	100	4,450
Calibration Weights	100MB63CTWF100	1	40,700
Temperature Calibration Kit	100MB63TCK0000	1	24,200

Recommended Scrubbers and Chillers for Enhanced Performance

Kjeldahl Digestion Compatible scrubber Details

Product code	Model number	Compatible Scrubber
BLFAKBD06200000000	KBD062	KSC010
BLFAKBD08200000000	KBD082	KSC010
BLFAKBD08300000000	KBD083	KSC010
BLFAKBD12200000000	KBD122	KSC020
BLFAKBD12300000000	KBD123	KSC020
BLFAKBD20300000000	KBD203	KSC020

Kjeldahl Distillation Compatible Chiller Details

Product code	Model number	Compatible Chiller
BLFAKDI04000000000	KDI040	Up to 6 sample CHL010 above 6 sample CHL020
BLFAKDI05000000000	KDI050	CHL020
BLFAKDI06000000000	KDI060	CHL020

FAT & Fiber Compatible Chiller Details

Product code	Model number	Compatible Scrubber
BLFRSOX01200000000	SOX012	CHL500
BLFRSOX01500000000	SOX015	CHL500
BLFRSOX06200000000	SOX062	CHL010
BLFRSOX06500000000	SOX065	CHL010
BLFAFAS06000000000	FAS060	CHL010
BLFAMFB00800000000	MFB008	CHL500



Environmental Analysis

These user-friendly, cost-effective tools are perfect for handling routine samples, quick turnarounds, or urgent requests, ensuring precise testing for quality of surface water, groundwater, wastewater, and drinking water. Our environmental portfolio includes advanced UV-Vis spectrophotometers, portable water photometers, and a range of electrochemistry instruments for pH, conductivity, TDS, ORP, DO along with BOD and COD analysis solutions for efficient environmental monitoring.



ELECTROCHEMISTRY

Versatile Measurement Capabilities

Features like Data logging , Sensor Management & Auto Temperature Compensation

PHOTOMETER

Analyzes over 140 parameters

Designed for fast, efficient, and accurate water quality analysis

For more queries write to us lab.support@borosil.com



UV VISIBLE SPECTROPHOTOMETER

High-Performance Optics

Data integrity and compliance

COD ANALYSER

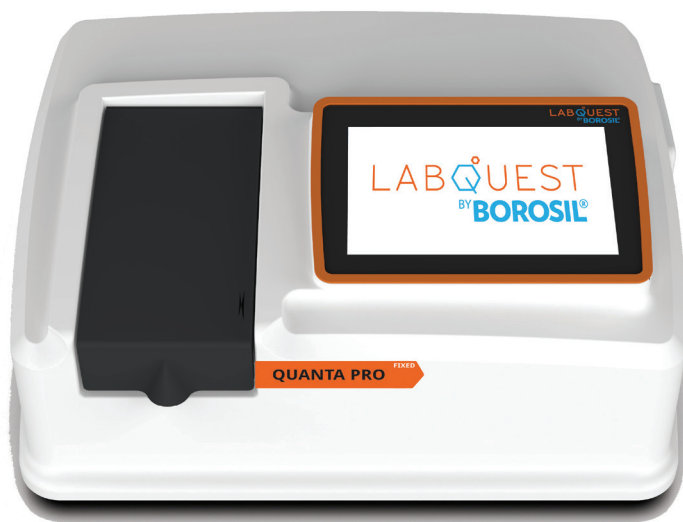
Flexible Analysis - Supports open and closed reflux methods

Enhanced Efficiency – Graphical representation, PID Controller, and user preset functionality

Quanta- UV Visible Spectrophotometer



- Engineered for optimal speed and performance, the Quanta Pro series offers variable spectral bandwidth from 0.1 nm to 5 nm, scanning a wavelength range from 190-1100 nm.
- Its advanced dual-beam optics provide exceptional precision.
- With the added option of a touchscreen, it gives you the flexibility to prioritize either maximum compliance or enhanced productivity.
- Spacious sample compartment designed to accommodate a wide range of accessories, supporting diverse industrial applications.
- Capable of measuring highly absorbing liquids and translucent films and glass material (up to 4A)
- Enhanced scan speeds for efficient analysis of chemical kinetics
- Superior wavelength accuracy, photometric consistency, and minimal stray light
- Integrated methods for quick and straightforward analysis



Technical Data & Ordering Information

Parameter	Quanta Pro	Quanta Promax
Colored Touch Screen Display	10inch	10inch
Photometric system	True Double beam Optics	True Double beam Optics
UV/Vis Bandwidth Type	Fixed	Variable
Wavelength range	190 to 1100 nm	180 to 1100 nm
UV/Vis Bandwidth Increments (nm)	1 nm	0.1 nm to 5.0 nm
Wavelength Display Resolution (nm)	0.1nm	0.1 nm
Measuring Modes	ABS, %T, CONC with custom K-Factor and multiple standards	ABS, %T, CONC with custom K-Factor and multiple standards
Wavelength Accuracy	+/-0.05 nm @ 656.1 nm +/-0.1 nm entire range	+/-0.1 nm @ 656.1 nm +/-0.1 nm entire range
Wavelength Repeatability	+/-0.1 nm	+/-0.1 nm
Wavelength Slew rate	About 29000 nm/min	About 6000 nm/min
Wavelength Scan speed (nm/min)	3600 to 2 nm/min for survey of 29000 nm/min	4000 to 2 nm/min
Lamp interchange wavelength	Automatic changeover of wavelength with configurable wavelength.	Automatic changeover of wavelength with configurable wavelength.
Stray light	Less than 0.02% at 220 nm (NaI) Less than 0.02% at 340 nm (NaNO ₂) Less than 0.5% at 198 nm (KCl)	Less than 0.02% at 220 nm (NaI) Less than 0.02% at 340 nm (NaNO ₂) Less than 1.0% at 198 nm (KCl)
Photometric readability range (Abs)	Absorbance: -4.0 to 4.0 Abs Transmittance : 0% to 400%	Absorbance: -4.0 to 4.0 Abs Transmittance : 0% to 400%
Photometric accuracy	+/-0.002 Abs at 0.5 Abs +/-0.004 Abs at 1.0 Abs +/-0.006 Abs at 2.0 Abs	+/-0.002 Abs at 0.8 Abs +/-0.004 Abs at 1.2 Abs +/-0.006 Abs at 2.1 Abs

Parameter	Quanta Pro	Quanta Promax
Photometric repeatability	Less than +/-0.001 Abs at 0.5 Abs Less than +/-0.001 Abs at 1 Abs Less than +/-0.003 Abs at 2 Abs	Less than +/-0.001 Abs at 0.8 Abs Less than +/-0.001 Abs at 1.2 Abs Less than +/-0.003 Abs at 2.1 Abs
Baseline stability	Less than 0.0002 Abs/Hr @700 nm	Less than 0.0002 Abs/Hr @700 nm
Baseline flatness (±A)	Less than +/-0.0005 Abs (avg. points)	Less than +/-0.0005 Abs (avg. points)
Noise level	Less than 0.00003 Abs (700 nm)	Less than 0.00005 Abs (700 nm)
Light source	Plug- in pre-aligned Halogen lamp and Deuterium lamp or Xenon Lamp	Plug- in pre-aligned Tungsten Halogen lamp and UV Deuterium lamp
Monochromator	Blazed holographic grating 1200 lines/mm in Czerny Turner mounting	Blazed concave holographic grating 1200 lines/mm in Czerny Turner mounting
Detector	Dual Silicon photodiode	Dual matched silicon photodiode
Environmental requirements	Temperature 15 to 38 Humidity 30% to 80%	Temperature 15 to 38 Humidity 30% to 80%
Output device	Inbuilt with desktop OS with high resolution 10inch touch screen LCD	Inbuilt with desktop OS with high resolution 10inch touch screen LCD
Software	Scanalyser software (Microsoft windows 7 and above) CFR 21 compliance	Scanalyser software (Microsoft windows 7 and above) CFR 21 compliance
Validation	Automatic measurement and pass/ fail evaluation and printing of results	Automatic measurement and pass/ fail evaluation and printing of results
Connectivity	LAN/ Ethernet/WiFi/Bluetooth	LAN/ Ethernet/WiFi/Bluetooth
Sample compartment internal dimensions (W × D × H) mm	115 × 250 × 90 mm Distance between light beams :80 mm	115 × 250 × 90 mm Distance between light beams: 80 mm
Dimensions (L × B × H) mm	560 × 430 × 195 mm	556 × 486 × 236 mm
Power Supply	230V/50 Hz	230V/50 Hz
Ordering Code	100UVFIX000000	100UVVAR000000
HS Code	90273020	90273020
Weight	22 Kg	24 Kg
Prices / Piece	On Request	On Request

Accessories

Description	Ordering Code	Price
Variable Slit	100UVVS0000000	66667.00
8 Cell round Auto Sampler	100UV08RAS0000	38096.00
7 Cell Linear Auto Sampler	100UV07LAS0000	34286.00
Peliter based Temperature controlled Single Cell 4 (Sample) 15-65c	100UV04PTC0000	66667.00
Peliter based Temperature controlled Single Cell (Sample) 0-99c	100UV01PTC0000	On Request
Thin Film Holder	100UVTFH000000	10477.00
0.5ml Quartz Cuvette Pair	100UV005QCP000	14286.00
1.0ml Quartz Cuvette Pair	100UV010QCP000	12381.00
3.5ml Quartz Cuvette Pair	100UV035QCP000	10477.00
50mm pathlength Quartz Cuvette Pair	100UV050QCP000	12381.00
100mm pathlength Quartz Cuvette Pair	100UV100QCP000	19048.00
0.5ml Glass Cuvette Pair	100UV005GCP000	5715.00
1.0ml Glass Cuvette Pair	100UV010GCP000	5715.00
3.5ml Glass Cuvette Pair	100UV035GCP000	3810.00
50mm pathlength Glass Cuvette Pair	100UV050GCP000	9524.00
100mm pathlength Glass Cuvette Pair	100UV100GCP000	14286.00
Dust Cover	100UVDC0000000	1905.00
USB Connection Cable	100UVUSB000000	1048.00
LAN Connection Cable	100UVLAN000000	1048.00
Fuse Set	100UVFUSE00000	477.00
Power Cord	100UVPOWCORD00	1429.00

Primelab 2.0 NEW PRODUCT

- Measures over 140 parameters
- Best in class 18 wavelengths (410–940 nm)
- 5.5" color HD touch display
- Built-in camera (QR code scanner)
- USB Type-C* connectivity
- WiFi, USB, 4G**, Bluetooth® support
- Probe connector for pH, EC, TDS, Temperature, and ORP measurement



Technical Data & Ordering Information

Model Name	Prime Lab 2.0
Spectral range	390nm - 950nm 18 wavelength, peaks at 410/435/460/485/510/535/560/ 585/610/645/680/705/730/760/810/860/900/940nm 180° and 90° Setup for direct and indirect measurement
Parameters	more than 140 parameters
Electrodes	USB-type-C connector for pH/ EC/ TDS/ ORP/ Temp-Probes
Connectivity (technical)	Bluetooth 4.2 WiFi USB (type C) 4G* (via USB-modem)
Connectivity (software)	LabCOM Software (Windows / Mac) LabCOM App (Android / iOS) LabCOM Cloud (web-browser)
Display	5.5" Color-HD touch display
Camera	In-build barcode / QR-code scanner
Calibration	Auto-calibration function with certificate (software)
One-Time-Zero	Intelligent OTZ (One-Time-Zero) function with recognition of ZERO types
Internal memory	>5,000
Clock/Date	RTC (Real-Time-Clock) with calendar function
Auto-Off	Factory default setting = 10 minutes. Individual adjustment possible
Menu guidance	Intuitive, display-controlled 4-button menu guidance; test instructions during measurement process
Power supply	8,500 mA Li-Io-battery
Languages	>15
Environment	5°C - 45°C / 30 - 90% rel. humidity
Water-proof rating	The device is splash-water-proof (IP54)
Reagents	The calibration curves for the individual parameters / measurement procedures are adjusted to the reagents offered with the unit.
Weight	715 g
Dimensions (W × D × H) mm	100 × 59 × 255 mm
HS Code	90275000
Ordering Code	100PL02B000000
Price / Piece	On Request

Accessories provided by default with the kit

- LabCOM App/Software/Cloud (Android, iOS, Windows, Mac, Browser)
- 4 × 24 mm/10 ml glass-vials with lid (light-shield incorporated into the lid)
- 1 × light shield (for 16 mm and 1 ml vials as well as check-standards)
- 1 × 24 mm vial adapter (built-in; exchangeable)
- 1 × 10.5 cm stirring rod
- 1 × 10 ml plastic syringe (graduated)
- 1 × vial cleaning brush
- 1 × microfibre cleaning cloth for vials
- 1 × charger with cable (USB-Type-C)
- 1 × printed user manual in a ring-binder

COD Digestion Unit

Open Reflux COD Digesters-Ideal solutions
for waste water analysis



Technical Data & Ordering Information

Model Name	COD082	COD152	COD080	COD150
Reflux Type	Open	Open	Open	Open
Positions	08 Position	15 Position	08 Position	15 Position
Capacity	250 ml × 08 tubes	250 ml × 15 tubes	250 ml × 08 tubes	250 ml × 15 tubes
Heating Block	Aluminium			
Temperature Range	Ambient to 180°C			
Temperature Accuracy	±1°C		±10°C	
Display	Front GRP control panel with Graphic LCD		LED	
Graphical representation of time and temp	Yes		No	
Two point factory calibration	Yes			
PID autotune	Yes			
User presets	Yes			
Process Timer	0 - 999 min			
Temperature Control	Yes with Set value and Present value			
Time Control	Yes with Set value and Present value			
Connectivity to Printer	Yes		No	
Connectivity to PC	Yes		No	
Power consumptions	1400W	1800 W	1200W	1600W
Current Consumption	6 A	8 A	6 A	8 A
Unit External Dimensions (W × D × H)	(414 × 414 × 283) mm		(414 × 414 × 283) mm	
HSN Code	84198990			
Ordering Code	BLFACOD 08200000000	BLFACOD 15200000000	BLFACOD 08000000000	BLFACOD 01500000000
Prices / Piece	On Request			

Description	Ordering Code	Pack Size	Prices / Piece
COD air condensers	BLMACND100 CODSAC00	5	7,480.00
COD digestion vessels	BLMATUB100CODSGT20	5	6,660.00

Note : Digestion vessels and air condensers are provided by default with the unit

Thermoreactor

Closed reflux COD digester
Compact and Convenient



Technical Data & Ordering Information

Model Name	COD120
Reflux Type	Sealing
Positions	12 Position
Capacity	16 mm × 100 mm vials
Heating Block	Aluminium
Temperature Range	Ambient to 180°C
Temperature Accuracy	±1°C
Display	LED
Process Timer	0-999 min / Infinite
Temperature Control	Yes with Set value and Present value
Time Control	Yes with Set value and Present value
Transparent Lid	UV protection
Power consumptions	200 W
Current Consumption	1.5 A
Unit External Dimensions (W × D × H)	(275 × 185 × 150) mm
HSN Code	84198990
Ordering Code	BLFHCOD120P0000000
Prices / Piece	On Request

Note : 12 nos. digestion tube provided by default with the unit
#BOD Measuring System - Prices on request.

Bench Top pH Meter 80 Pro



Bench pH meter comes with Electrode Standard DHS

- pH meter, digital benchtop ionometer for advanced laboratory analysis. Automatic pH calibration (6 buffer families) or manual, on 5 values.
- ISE calibration from 2 to 5 points.
- Automatic and manual ORP calibration (1 point).
- Calibration deadline warning and/or measurement block.
- Alarm setting and display functions in analogue format, "Stop-reading" and "Stability" with titration mode (Tit) and time stability for ISE, self-diagnosis messages.



Technical Data & Ordering Information

Model Name	pH 80 Pro
Temperature accuracy	±0.2 °C
Temperature compensation	0.0 ... +100.0 °C
Measuring range mV	-2000 ... +2000 mV
pH measuring range	-2.000 ... +20.000 pH
Temperature measurement range	-30.0 ... +130.0 °C
pH resolution	0.1 / 0.01 / 0.001 pH
Temperature Resolution	0.1 °C
PC Communication	USB type B
Printer connection	RS 232
Criteria for stability	Med - High - Tit, Secondi (ISE)
Display	4.3" high-definition, backlit color TFT
AQA	Yes
Display with icon	Yes
Memory / Datalogger	8000
pH calibration points	1 ... 5 automatic values - 1 ... 5 user values
pH alarm range	Min - Max
Recognised pH buffers	USA - NIST - DIN 19266
Analog view	Yes
Power supply	100 - 240 V
Ordering Code	100PHB080000000000
HS Code	90278930
Prices / Piece	On Request

Bench Top pH Meter 60 VioLab



Bench pH meter comes with Electrode 201 T

- 0.1 / 0.01 pH resolution
- Automatic temperature compensation
- Manual and automatic data logger, up to 1000 data in GLP
- Automatic calibration from 1 to 3 points
- DHS digital sensor management



Technical Data & Ordering Information

Model Name	pH 60 VioLab
Temperature accuracy	±0.5 °C
Temperature compensation	0.0 ... +100.0 °C
Measuring range mV	-1000 ... +1900 mV
pH measuring range	-2.00 ... +16.00 pH
Temperature measurement range	-10.0 ... +110.0 °C
pH resolution	0.1 / 0.01 pH
Temperature Resolution	0.1 °C
Features	PC Communication Micro USB
Printer connection	RS 232
Criteria for stability	Low - Med - High
Display	High-definition, backlit color LCD
AQA	Yes
Display with icon	Yes
Memory / Datalogger	1000
pH calibration points	1 ... 3 automatic values - 2 user values
Calibration Report	Yes, printable
Recognised pH buffers	USA - NIST
Display	Si
Ordering Code	100PHB060000000000
HS Code	90278930
Prices / Piece	On Request

Benchtop Multiparameter PC 60 VioLab



Bench Multiparameter - comes with
Electrode 201 T - Cell 2301 T

- Resolution 0.1 / 0.01 pH - 0.01 μ S
- Manual or automatic temperature compensation
- Manual and automatic data logger, up to 1000 data in GLP
- Connection to PC and printer
- DHS digital sensor management



Technical Data & Ordering Information

Model Name	PC 60 VioLab
Accuracy COND	$\pm 2\%$ f.s.
Accuracy (pH)	± 0.02 pH
Temperature accuracy	± 0.5 °C
TDS factor	0.40 ... 1.00
Measuring range COND	0.00 μ S ... 200 mS
ORP measuring range	-1000 ... +1900 mV
pH measuring range	-2.00 ... +16.00 pH
Salinity measuring range	0.1 ppm ... 100 ppt
TDS measuring range	0.1 mg/l ... 200 g/l
Temperature measurement range	-10.0 ... +110.0 °C
COND Resolution	0.01 / 0.1 / 1 μ S/cm (automatic scale)
ORP resolution	0.1 / 1 mV
pH resolution	0.1 / 0.01 pH
Temperature Resolution	0.1 °C
Reference temperature	+15 ... +30 °C
Features	DHS compatibility Yes
Printer connection	RS 232
Display	0.1 / 1 / 10
Criteria for stability	Low - Med - High (pH)
Display	High-definition, backlit color LCD
Memory	1000 data
Calibration points	Cond 1...4
ORP calibration points	1
pH calibration points	1...3 automatic values - 2 user values
Recognised pH buffers	USA - NIST - 2 custom values
Ordering Code	100MPB060000000000
HS Code	90278930
Prices / Piece	On Request

Portable pH Meter pH 70 Vio

**NEW
PRODUCT**

Portable pH meter comes with Electrode 201 T

- 0,1 / 0,01 pH resolution
- High-resolution, backlit color LCD display
- Manual or automatic temperature compensation
- Manual and automatic data logger, up to 1000 data in GLP
- DHS digital sensor management



Technical Data & Ordering Information

Model Name	pH 70 Vio
Temperature accuracy	±0.5 °C
Temperature compensation	0.0 ... +100.0 °C
Measuring range mV	-1000 ... +1900 mV
pH measuring range	-2.00 ... +16.00 pH
Temperature measurement range	-10.0 ... +110.0 °C
pH resolution	0.01 / 0.1 pH
Temperature Resolution	0.1 °C
Features	PC Communication Micro USB
Criteria for stability	Low - Med - High
Display	High-definition, backlit color LCD
AQA	Yes
Display with icon	Yes
Memory / Datalogger	1000 data
pH calibration points	1 ... 3 automatic values - 2 user values
Calibration Report	Yes
Recognised pH buffers	USA - NIST
Ordering Code	100PHP070000000000
HS Code	90278930
Prices / Piece	On Request

Bench Top Conductivity Meter - COND 60 VioLab



Bench Top Conductivity Meter comes with Cell 2301 T

- Resolution 0,01 μS
- Manual or automatic temperature compensation
- Manual and automatic data logger, up to 1000 data in GLP
- High-resolution, backlit color LCD display



Technical Data & Ordering Information

Model Name	COND 60 VioLab
Accuracy COND	$\pm 2\%$ f.s.
Temperature accuracy	± 0.5 °C
TDS factor	0.40 ... 1.00
Measuring range COND	0.00 μS ... 200 mS
Salinity measuring range	0.1 ppm ... 100 ppt
TDS measuring range	0.1 mg/l ... 200 g/l
Temperature measurement range	0.0 ... 100.0 °C
COND Resolution	0.01 $\mu\text{S}/\text{cm}$ - mS/cm
Temperature Resolution	0.1 °C
Working temperature	0 ... +45 °C
Reference temperature	+15... +30 °C
PC Communication	Micro USB
Printer connection	RS 232
Display	High-definition, backlit color LCD
AQA	Yes
Memory	1000
Output	Micro USB - RS 232
Calibration points	Cond 1 ... 4
Ordering Code	100CDB060000000000
HS Code	90278930
Prices / Piece	On Request

Portable Conductivity Meter

COND 70 Vio

**NEW
PRODUCT**

Portable Conductivity Meter comes with Cell 2301 T

- pH meter, digital benchtop ionometer for advanced laboratory analysis.
- Automatic pH calibration (6 buffer families) or manual, on 5 values.
- ISE calibration from 2 to 5 points.
- Automatic and manual ORP calibration (1 point).
- Calibration deadline warning and/or measurement block.
- Alarm setting and display functions in analogue format, "Stop-reading" and "Stability" with titration mode (Tit) and time stability for ISE, self-diagnosis messages.



Technical Data & Ordering Information

Model Name	COND 70 Vio
Accuracy COND	±2% f.s.
Salinity accuracy	±1% f.s.
Accuracy (TDS)	±1% f.s.
Temperature accuracy	±0.5 °C
Temperature coefficient (max)	0.00 ... 10.00 % / °C
Temperature compensation	0.00 ... 100.00 °C % / °C
TDS factor	0.40 ... 1.00
Measuring range COND	0.00 µS ... 200 mS
Salinity measuring range	0.1 ppm ... 100 ppt
TDS measuring range	0.1 mg/l ... 200 g/l
Temperature measurement range	-10.0 ... +110.0 °C
COND Resolution	0.01 / 0.1 / 1 (automatic scale) µS/cm
Temperature Resolution	0.1 °C
Working temperature	0 ... +45 °C
Reference temperature	+15 ... +30 °C
PC Communication	Micro USB
Display	0.1 - 1 - 10, High-definition, backlit color LCD
AQA	Yes
Memory	1000
Output	Micro USB
Calibration points	Feeds 1 ... 4 automatic values - 1 user value , 84 µS - 147 µS - 12.88 µS - 111.8 µS
Cell Type	2 Rings
Ordering Code	100CDP0700000000000
HS Code	90278930
Prices / Piece	On Request

Oxy 70 Vio portable oxymeter



Portable Oxymeter comes with Optical sensor 2 m

- High accuracy with low oxygen level
- High resolution backlit coloured LCD Display
- Automatic compensation of temperature and pressure
- Data logger auto and manual, up to 1000 savings in GLP
- GLP with date and time of the last calibration.
- Auto calibration DO 0%-100%
- Optical sensor maintenance free



Technical Data & Ordering Information

Model Name	OXY 70 Vio
Parameter	Value
Accuracy DO (10 ... 20 mg/l - ppm)	±0.3 °C
Temperature measurement range	-10.0 ... +110.0 °C
Temperature Resolution	±0.1 °C
Working temperature	0.0 ... +45.0 °C
DO resolution	0.01 / 0.1
Barometric pressure resolution	1 mbar
O ₂ saturation resolution	0.1 / 1 %
Calibration Report	Yes
Calibration due date timer	Si
Regulations	CE
Power supply	3 x AA batteries 1.5 V
Dimensions (WxDxH)	185 x 85 x 45 mm
Weight	0.4 Kg
Ordering Code	100DOP070000000000
HS Code	90278930
Prices / Piece	On Request

Guide to Selecting, Using, and Maintaining Electrodes

Electrode Type	Types	Key Factors	Applications	Maintenance & Regeneration
pH Electrodes	General Purpose, Glass, Combination, Specialized	pH range, temperature resistance, chemical compatibility, application type	Food, pharma, water treatment, agriculture, chemical processing	Clean with distilled water or mild solution; rehydrate in pH buffer (pH 4 or 7); store in storage solution (not distilled water)
Conductivity Electrodes	Two-electrode (low conductivity), Four-electrode (high conductivity)	Conductivity range, material compatibility, electrode geometry	Water treatment, environmental monitoring, chemical production, food industry	Rinse with distilled water; clean with mild detergent if needed; periodically check calibration
ORP Electrodes	Platinum, Gold, Graphite	Chemical environment, temperature resistance	Water quality, chemical processing, biological applications	Clean with mild soap and water; polish electrode surface if needed; store in neutral solution or protective case
DO Electrodes	Galvanic (self-polarizing), Polarographic (external power, quick response)	Measurement range, sample environment, electrode configuration	Wastewater treatment, aquaculture, environmental monitoring, pharma	Clean membrane regularly; replace membrane/electrolyte as needed

Dos and Don'ts

Dos	Don'ts
Calibrate regularly for accuracy	Avoid using outside the specified range
Clean after use to prevent contamination	Don't let pH electrodes dry out
Store properly following manufacturer guidelines	Avoid exposure to harsh chemicals unless designed for it
Monitor for wear, cracks, or buildup	Don't store electrodes in distilled water long-term

By selecting the right electrode, maintaining it properly, and following best practices, you ensure accurate measurements and a longer lifespan for your sensors.



Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations

On Demand Single Distillation Unit (SDU)

Single Stage Distillation units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



Technical Data & Ordering Information

Model Name	SDU1500	SDU2500	SDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	$<3 \times 10^{-6}$	$<3 \times 10^{-6}$	$<3 \times 10^{-6}$
Power consumption (kw)	1.7 kW	2.5 kW	3 kW
Voltage (V)	230 V	230 V	230 V
Dimensions (L x B x H) in mm	650 x 320 x 440 mm		
HSN Code	84198990		
Ordering Code	BLFRSDU150000000000	BLFRSDU250000000000	BLFRSDU400000000000
Prices / Piece	49,240.00	68,700.00	76,330.00

* Inlet water TDS < 100 ppm

* The specified distillate quality is achieved by using treated water as boiler feed and collecting the distillate in a sealed quartz container to prevent CO₂ exposure.

Spares & Accessories refer page - 295

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.

Water Distillation Unit

General laboratory applications requiring higher ionic purity, samples & buffer preparations

On Demand Double Distillation Unit (DDU)

Double Stage Distillation Units provide automatic working for getting pure water by distillation method capable of removing a wide spectrum of impurities. Raw water is boiled to produce steam which is taken to a condenser where it returns to the liquid state, free of impurity. The impurities remain in the boiler and can be removed periodically with the help of in built descaling or cleaning guide.



Technical Data & Ordering Information

Model Name	DDU1500	DDU2500	DDU4000
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	4 LPH
Minimum cooling water requirement (Ltr/min)	1	1.5	2
Heater	Quartz	Quartz	Quartz
Boiler	Boro 3.3	Boro 3.3	Boro 3.3
Condenser	Boro 3.3	Boro 3.3	Boro 3.3
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	$<3 \times 10^{-6}$	$<3 \times 10^{-6}$	$<3 \times 10^{-6}$
Power consumption (kw)	3 kW	4.4 kW	6 kW
Voltage (V)	230 V	230 V	230 V
Dimensions (L × B × H) in mm	650 × 550 × 520 mm		
HSN Code	84198990		
Ordering Code	BLFRDDU15000000000	BLFRDDU25000000000	BLFRDDU40000000000
Prices / Piece	77,830.00	1,26,210.00	1,37,280.00

* Inlet water TDS < 100 ppm

* The specified distillate quality is achieved by using treated water as boiler feed and collecting the distillate in a sealed quartz container to prevent CO₂ exposure.

Spares & Accessories refer page - 295

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20° C.

Quartz Cabinet Distillation

On Demand Quartz Double Distillation Unit (QCD)

Double Stage Quartz cabinet units with reservoir provide automatic working with safety cut-offs for dry-run/unstable water flow. It also offers dispensing serially or continuously from reservoir storage.



Technical Data & Ordering Information

Model Name	QCD 250
Orientation	Vertical
Design	Bench Top Cabinet
Capacity Distilled water Output	2.5 LPH
Minimum cooling water requirement (Ltr/min)	2
Dimensions (L*B*H) along with reservoir	730 × 500 × 1020
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Conductivity S/cm*	<1 × 10 ⁻⁶
Power consumption (kw)	4 kW
Voltage (V)	230 V
Dry Run Protection	Yes
On Demand Output	Yes
Storage Mode	Yes
Auto Filling Reservoir	Yes
Dispense Range (minimum ml)	10 ml
Order Code	BLFRQCD25000000000
HSN Code	84194090
Prices / Piece	3,09,500.00

*1 Inlet water TDS < 100 ppm

* The specified distillate quality is achieved by using treated water as boiler feed and collecting the distillate in a sealed quartz container to prevent CO₂ exposure.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C. Conductivity values are affected by temperature and absorbed carbon dioxide quantity along with other contaminants from containers stored.

Water Distillation Unit

Manufactured from quartz, providing quick & continuous purified water with smaller foot print in laboratories.

Mono Quartz Distillation Units (Manual)

These Innovative and compact vertical Distillation Units Made from Pure Silica - Quartz are ideal choice for getting single stage distilled water. It meets the standard of the analytical laboratory where purity of distilled water free from metallic ions and bacteria is important.



Technical Data & Ordering Information

Model Name	3363042	3363033	3363038	3364042	3364033
Capacity Distilled Water Output	2.5 LPH	5 LPH	10 LPH	2.5 LPH	5 LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5	1	2
Heater	Quartz	Quartz	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz	Quartz	Quartz
Condenser	Boro 3.3	Boro 3.3	Boro 3.3	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶
Power consumption (kw)	2.2 kW	4.4 kW	8.8 kW	2.2 kW	4.4 kW
Voltage (V)	230 V	230 V	230 V - 3Phase	230 V	230 V
HSN Code	841940901				
Ordering Code	BT533363042	BT533363033	BT533363038	BT533364042	BT533364033
Model Prices / Piece	48,700.00	92,240.00	2,10,700	84,070.00	1,61,250.00
Accessory - DAPS Code	3366342	3366333	3366338	3366442	3366433
DAPS Prices / Piece	16,880.00	18,850.00	34,910.00	16,880.00	18,730.00

* Inlet water TDS < 100 ppm

* The specified distillate quality is achieved by using treated water as boiler feed and collecting the distillate in a sealed quartz container to prevent CO₂ exposure.

Spares & Accessories refer page - 295

DAPS - The Unit provides for Automatic working of distillation unit by switching off the heaters in case water level falls below the heating coil, thereby safeguarding the heaters. The unit resumes distillation when water level is restored by pushing reset button on front panel. The water level sensor probe works on 12 V and hence is very safe to handle. The unit also comes with Buzzer. DAPS is unique for each model.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.

Water Distillation Unit

All quartz innovative & compact design offers consistent purified water in two distillation stages

All Quartz Double Distillation Units

Quartz distillation units are manufactured from fused quartz tubes. The exceptionally high chemical purity and very low solubility of this material enables the production of very high performance system. The greatest possible attention has been taken for technical performance, simplicity of use and efficiency.



Technical Data & Ordering Information

Model Name	3365041	3365042	3365033
Capacity Distilled Water Output	1.5 LPH	2.5 LPH	5 LPH
Minimum cooling water requirement (Ltr/min)	1	2	2.5
Heater	Quartz	Quartz	Quartz
Boiler	Quartz	Quartz	Quartz
Condenser	Quartz	Quartz	Quartz
Biological Activity	Pyrogen Free	Pyrogen Free	Pyrogen Free
Conductivity S/cm*	$<1 \times 10^{-6}$	$<1 \times 10^{-6}$	$<1 \times 10^{-6}$
Power consumption (kw)	3 kW	4.4kW	8.8 kW
Voltage (V)	230 V	230 V	230 V - 3 Phase
HSN Code		84194090	
Ordering Code	BT533365041	BT533365042	BT533365033
Model Prices / Piece	1,39,860.00	2,45,960.00	4,37,740.00
Accessory - DAPS	3366541	3366542	3366533
DAPS Prices / Piece	17,930.00	18,730.00	35,370.00

* Inlet water TDS < 100 ppm

* The specified distillate quality is achieved by using treated water as boiler feed and collecting the distillate in a sealed quartz container to prevent CO₂ exposure.

Spares & Accessories refer page - 295

DAPS - The Unit provides for Automatic working of distillation unit by switching off the heaters in case water level falls below the heating coil, thereby safeguarding the heaters. The unit resumes distillation when water level is restored by pushing reset button on front panel. The water level sensor probe works on 12 V and hence is very safe to handle. The unit also comes with Buzzer. DAPS is unique for each model.

Note: Because of difficulties associated with measurement of the pH value of high purity water and the doubtful significance values obtained, limits for the pH value of grade 1 & grade 2 water have not been specified. Conductivity specified applies for freshly prepared water in absence of Carbon Dioxide at 20°C.

Accessories for Distillation Units

On Demand Glass Distillation Units Spares

Product Code	Description	Prices
BLAPSDU1500BOIL000	WDU 1.5LTR BOILER ACCS	9,870.00
BLAPSDU2500BOIL000	WDU 2.5LTR BOILER ACCS	12,030.00
BLAPSDU4000BOIL000	WDU 4.0LTR BOILER ACCS	15,210.00
BLA0CRH12KW15LHQRT	Ceramic Heater_Quartz tube-1.5 L Accs	9,870.00
BLA0CRH02KW25LHQRT	Ceramic Heater_Quartz tube-2.5 L Accs	10,780.00
BLA0CRH03KW04LHQRT	Ceramic Heater_Quartz tube-4 L Accs	14,530.00
BLAPSDU1500CON0000	1.5 LTR CONDENSER ACCS	7,040.00
BLAPSDU2500CON0000	2.5 LTR CONDENSER ACCS	10,780.00
BLAPSDU4000CON0000	4.0 LTR CONDENSER ACCS	12,940.00
BT603367000	WATER SOFTNER	30,970.00

Mono Quartz Units Spares

Product Code	Description	Prices
BT530363012	QUARTZ BOILER FOR DIST UNIT-3363/64 2.5 L	33,800.00
BT530363032	QUARTZ BOILER FOR DIST UNIT-3363/64 5 L	66,460.00
BT530363502	QUARTZ BOILER FOR DIST UNIT-3363 10 L	1,16,470.00
BT530362022	BOROSILICATE CONDENSER 3363 2.5 L	6,470.00
BT530363500	BOROSILICATE CONDENSER 3363 5 LTR	22,000.00
BT530363503	BOROSILICATE CONDENSER 3363 10 LTR	44,460.00
BT530364023	QUARTZ CONDENSER 3364 2.5 L	33,570.00
BT530364501	QUARTZ CONDENSER 3364 5 LTR	77,120.00

All Quartz Double Distillation Spares

Product Code	Description	Prices
BT530362013	PRIMARY BOILER 1.5 L FOR DISTUNIT-3365	42,760.00
BT530362014	PRIMARY BOILER FOR DIST UNIT-2.5 LT-3365	43,560.00
BT530362504	PRIMARY BOILER 3365 5 LTR/HR	68,390.00
BT530362015	SECONDARY BOILER 1.5 LTR/HR.	1,08,870.00
BT530362016	SECONDARY BOILER 2.5 LTR/HR	1,51,510.00
BT530363505	SECONDARY BOILER 3365 5 LTR/HR	2,92,690.00
BT530362063	RECEIVING ADAPTER WITH SPRING	2,390.00
BT530362052	SILICONE 'O' RING FOR DIST UNIT - 3365	800.00

All Glass Manual Units

Product Code	Description	Prices
BT530336011	BORO BOIL WTR LVL FOR DISUN 3361/62 1.5 L	8,170.00
BT530336031	BOROSILICATE BOILER B-45 WATER LEVELLER	11,580.00
BT530336021	BOROSILICATE BOILER W/O HEATER 4 LTR	20,080.00
BT530336012B	QUARTZ HTR B-34 BLUE FOR DISUNIT 3361/62	8,170.00
BT530336012R	PRIMARY QUARTZ NEW TYPE HEATER B-34	8,170.00
BT530336013B	SECONDARY QUARTZ NEW TYPE HEATER B-45	11,340.00
BT530336013R	PRIMARY QUARTZ NEW TYPE HEATER B-45	11,340.00
BT530336022B	SECONDARY QUARTZ NEW TYPE HEATER B-50 4 L	14,180.00
BT530336022R	PRIMARY QUARTZ NEW TYPE HEATER B-50 4 LT	14,180.00
BT530361021	COND FOR DIST. UNIT - 3361,3362 1.5 L	6,470.00
BT530361041	COND FOR DIST. UNIT - 3361,3362 2.5 L	11,240.00
BT530362021	COND FOR DIST. UNIT - 3361,3362 4.0 L	17,130.00

Silicone Tubing

Product Code	Description	Prices
BT603369001	Silicon tubing 4 mm x 7 mm	2150.00
BT603369002	Silicon tubing 6 mm x 9 mm	2860.00
BT603369003	Silicon tubing 8 mm x 12 mm	5830.00
BT603369004	Silicon tubing 10 mm x 14 mm	7130.00

Lab Essentials & Synthesis Equipment

Precision and reliability are at the core of every successful laboratory. Our range of Water Distillation Units, Baths & Circulators, Laboratory Stirrers, Heating Mantles, Vacuum Pumps, and Glass Dryers is designed to support critical synthesis and analytical processes. Engineered for accuracy, efficiency, and durability, these instruments ensure optimal performance in research and industrial applications. Enhance your workflow with cutting-edge solutions that meet the highest quality standards.



WATER DISTILLATION UNIT

On-Demand Output

Sequential dispensing



WATER BATHS

Seamless, SS304 Construction

Delay start function

Available with data logging



MANTLES

CE certified

Built-in spillage protection

Effortless setup for convenient use



STIRRERS

Dedicated displays for Temperature and RPM/Time

Precise control over solution temperature Pt100



LABWARE DRYER

Quick and Efficient Drying

compact and efficient design

Water Baths

Borosil Labquest Premium range of circulating water baths are an ideal choice when temperature uniformity and control are particularly critical along with Data logging connectivity.

Premium Series - Circulating Water Bath

Labquest Premium baths provide more uniform heat convection. These Heating baths are particularly useful in Routine lab applications, Coliform determinations, Sample thawing, Bacteriological examinations, Microbiological assays, Cell cultivation.



Technical Data & Ordering Information

Model Name	WBP012	WBP015	WBP020
Nominal Capacity	12 L	15 L	20 L
Working Temperature Range	Ambient +5 to 99°C	Ambient +5 to 99°C	Ambient +5 to 99°C
Temperature Accuracy at 37°C	±0.2°C	±0.2°C	±0.2°C
Circulation	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar
Interior Dimension (L × B × H) in mm	330 × 300 × 150 mm	330 × 300 × 200 mm	500 × 300 × 150 mm
Exterior Dimension (L × B × H) in mm	400 × 390 × 300 mm	400 × 390 × 350 mm	575 × 390 × 300 mm
Electrical Requirements	5 A	5 A	10 A
Power Consumption	900 W	900 W	2000 W
External Temperature Probe	PT1000	PT1000	PT1000
USB Interface - Data Logging	USB	USB	USB
Lid Type	SS Lid with 6 position Concentric Rings	PC Lid	SS Lid with 8P Lid position Concentric Rings
HSN Code	84198990		
Ordering Code	BLFHWBP01200000000	BLFHWBP01500000000	BLFHWBP02000000000
Prices / Piece	74,250.00	80,410.00	1,05,160.00

High Capacity Baths

Model Name	WBP024	WBP035	WBP060
Nominal Capacity	24 L	35 L	60 L
Working Temperature Range	Ambient +5 to 99°C	Ambient +5 to 99°C	Ambient +5 to 99°C
Temperature Accuracy at 37°C	±0.2°C	±0.2°C	±0.2°C
Circulation	By PTFE Stir Bar	By PTFE Stir Bar	By PTFE Stir Bar
Interior SS304 Dimension (L × B × H)	500 × 300 × 200 mm	625 × 500 × 150 mm	625 × 500 × 200 mm
Exterior SS304 Dimension (L × B × H)	575 × 390 × 350 mm	675 × 550 × 300 mm	675 × 550 × 350 mm
Electrical Requirements	10 A	16 A	24 A
Power Consumption	2000 W	3000 W	4400 W
External Temperature Probe	PT1000	PT1000	PT1000
USB Interface - Data Logging	USB	USB	USB
Lid Type	SS Lid with 8 position Concentric Rings	SS Canopy	SS Canopy
HSN Code	84198990		
Ordering Code	BLFHWBP02400000000	BLFHWBP03500000000	BLFHWBP06000000000
Prices / Piece	On Request	On Request	On Request

Data Logger

Measure & Record progress of set parameters

- Labquest instruments with USB connectivity e.g. Industrial Stirrers and Premium Water Baths facilitate data logging.
- Borosil Data Logger continuously monitors and records the activity performed by connected instruments over a period of time. Users can take the print out for specified period and operation.
- PNP010 a reliable, cost and time-efficient monitoring solution for any measuring & recording progress of set parameters offering key advantages by providing high accuracy and ease of use.



Key Features

Records user level activity with Instrument attached

Login feature supports administrator and up to 99 users with display 128x64 GLCD

Any time print option for logged data records

Customizable print format with company name, lab/department name and process parameters

Technical Data & Ordering Information

Ordering Code	Prices / Piece
BLFAPNP0100000000	On request

Water Baths

The Elemental Series of general purpose Water Baths offers variety of sizes to meet all your needs and is ideal for lab applications.

CE Certified Elemental Series - Constant Temperature Baths

Elemental Series Water Baths can be used for a wide variety of purposes, including routine laboratory tasks, holding samples at a constant temperature, incubation, materials testing, corrosion testing, temperature control of cultures, thermal testing of food and dental applications. In this series temperature uniformity is obtained by convection gradually.



Technical Data & Ordering Information

Model Name	WLC005	WLC012	WLC020
Nominal Capacity	5 L	12 L	20 L
Working Temperature Range	Ambient $\pm$ 5 to 99°C	Ambient $\pm$ 5 to 99°C	Ambient $\pm$ 5 to 99°C
Temperature Accuracy at 37°C	$\pm$ 0.5°C	$\pm$ 0.5°C	$\pm$ 0.5°C
Circulation		By Convection Only	
Interior Dimension (L $\times$ B $\times$ H) in mm	300 $\times$ 150 $\times$ 150	330 $\times$ 300 $\times$ 150	500 $\times$ 300 $\times$ 150
Exterior Dimension (L $\times$ B $\times$ H) in mm	330 $\times$ 175 $\times$ 300	375 $\times$ 340 $\times$ 300	540 $\times$ 340 $\times$ 300
Power Consumption	3.5 A, 230 V, 700 W	8 A, 230 V, 1600 W	9.5 A, 230 V, 2000 W
HSN Code	84198990		
Ordering Code	BLFWLC00500000000	BLFWLC01200000000	BLFWLC02000000000
Prices / Piece	40,110.00	48,300.00	56,180.00

Optional Accessories

Model Name	Ordering Code	Suitable For	Prices / Piece
3 Hole SS LID Assembly	BLAHWLC005LID00003	WLC005	2,940.00
5L Polycarbonate LID Assembly	BLAHWLC005PCLID000	WLC005	4,520.00
6 Hole SS LID Assembly	BLAHWLC012LID00006	WLC012	4,100.00
12/15 Polycarbonate LID Assembly	BLAHWLC012PCLID000	WLC012	5,360.00
8 Hole SS LID Assembly	BLAHWLC020LID00008	WLC020	5,570.00
12 Hole SS Lid Assembly	BLAHWBA02000000012	WLC020	9,450.00
20 Ltr Polycarbonate Lid ASM	BLAHWBA020CAPPC000	WLC020	7,460.00
Ball Shield Anti-evaporation Spheres ($\varnothing$ 37mm $\times$ 500 nos)	BLAHWLS020BALLID00	All Baths	9,020.00
WLC005 SS CANOPY ACCS	BLAHWLC005500000000	WLC005	12,040.00
WLC012 SS CANOPY ACCS	BLAHWLC012500000000	WLC012	13,510.00
WLC/20/24 SS CANOPY ACCS	BLAHWBP024600000000	WLC020	15,000.00
WBP060 24 POSITION SS304-LID ACCS	BLAHWBP060LID00025	WBP35/60	15,650.00
Universal Height Adjustment Tray	BLAHWBP035600000000	WBP35	17,050.00
*2 Hole SS LID Assembly	BLAHWLS005LID00002	WLS005	3,410.00
*6 Hole SS LID Assembly	BLAHWLS012LID00006	WLS012	4,620.00
*8 Hole SS LID Assembly	BLAHWLS020LID00008	WLS020	6,300.00
*Overhead Stirrer Assembly for conversion for WLC Models to WLS	BLAHWLS020000000OHS	All Baths	8,610.00

Note : Please check (*) accessories to convert WLC (Constant Temperature Bath) into the WLS series of stirred bath for enhanced functionality

Oil Baths

Precision Oil bath build in 100% SS offers controlled heating upto 240°C.

Still & Stirred Oil Baths

Precision oil baths for controlled heating & tempering applications with a temperature accuracy of + 1°C and a built in 100% SS construction. Baths are insulated for user protection and equipped with overshoot control. Baths can also be used with water.



Technical Data & Ordering Information

Model Name	OMC250	OMC010
Working Temperature Range	Ambient +5°C to 240°C	
Circulation	Convection	
Nominal Capacity	750 ml	3057 ml
RB Flask	250 ml	1000 ml
Interior Dimension (D × H) in mm	120 × 86	182 × 142
Exterior Dimensions (L × B × H) in mm	203 × 169 × 209	273 × 240 × 263
Power Consumption	350 W	1000 W
HSN Code	84198990	
Ordering Code	BLFHOMC25000000000	BLFHOMC01000000000
Prices / Piece	35,650.00	41,400.00

*Interior tanks are cylindrical in shape.

Technical Data & Ordering Information

Model Name	OMS250	OMS010	OMS020
Working Temperature Range	Ambient +5°C to 240°C		
Circulation	PTFE Stir Bar		
Nominal Capacity	750 ml	3057 ml	7500 ml
RB Flask	250 ml	1000 ml	2000 ml
Interior Dimension (D × H) in mm	120 × 86	182 × 142	217x 209
Exterior Dimensions (L × B × H) in mm	203 × 169 × 209	273 × 240 × 263	302 × 280 × 410
Power Consumption	350 W	1000 W	1600 W
HSN Code	84198990		
Ordering Code	BLFHOMS25000000000	BLFHOMS01000000000	BLFHOMS02000000000
Prices / Piece	40,020.00	59,850.00	1,00,170.00

Mini Lab Reactor

Mini Lab Reactor is available with a multi-neck round bottom flask, optimized for academic and research applications. It is a cost-effective solution that includes an oil bath-based heating that eliminates the need for an external heating system. We provide electronic control for temperature, speed, time, and step reaction. We provide optional cooling to prevent reaction runaway in case of an exothermic reaction. We supply explosion-proof variants for critical applications on special request.



- SS Body Oil bath with Drain Valve
- Non Sparking stirrer Drive
- Effortless height Adjustment
- SS Body Oil bath with Drain Valve

This series reactors is the ideal instrument in experiments and manufacturing of modern chemistry, fine chemical engineering, bio-pharmaceuticals and new material synthesis.

Technical Data & Ordering Information

Model Name	MLR250	MLR500	MLR010
RB Reactor Capacity	250 ml	500 ml	1000 ml
Number of Necks*	1 CN, 4 SN		
Heating Bath Volume	5 L		
Temperature Range#	-10°C to 200°C		
Condenser	Double Coil Condenser		
Feed Funnel	Pressure Equalizing		
Receiver Vessel	500ml with Round bottom		
Temperature sensor with glass thermovalve	Yes	Yes	Yes
Hot Bath Drain	Yes (SS)		
Absolute mBar(Pressure)	100-1000 mBar	100-1000 mBar	100-1000 mBar
Vaccum mBar	100-1000 ml		
Stirring Speed(rpm)	150-1000 rpm		
impeller	PTFE coated centrifugal	PTFE coated centrifugal	PTFE coated centrifugal
Stirring Power	24 W	24 W	24 W
Agitator	Centrifugal desgin BLDC, SS304 coated with reinforced PTEE Shaft Dia8mm X350mm Ht		
Power	1 kW, 230 V 50 Hz		
Control Unit	Temperature / RPM control Unit with LED Display		
7 seg digital LED controller	YES		
Dimension of Unit MLR	470 × 300 × 750 mm		
Product Codes	BLFHMLR250000000000	BLFHMLR500000000000	BLFHMLR010000000000
HSN			
Prices / Piece	On Request		

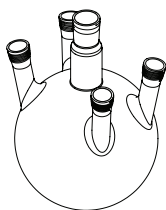
* RB Standard Neck sizes Applicable

For Exothermic Recations below RT - External Chiller Needs to be attached. See our Chiller Range

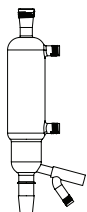
For better enhanced performance we recomand chillers CHL010 and CHL020

Accessories

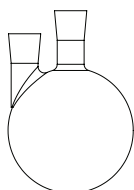
Technical Data & Ordering Information



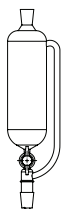
Part Numbers	Description	Volume Capacity (mL)	No of Nozzles	Center Nozzle Type	Side Nozzle Type	Suitable Model
BLARMLRFLSK250MLV3	Flat Bottom Flask	250	5	B24	B19	MLR250
BLARMLRFLSK500MLV3		500	5	B24	B19	MLR500
BLARMLRFLSK1000LV3		1000	5	B24	B19	MLR010



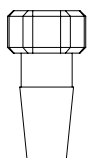
Part Number	Description	Size	HT area	Connection nozzle size	Suitable Model
BLARCND000D060L320	Condenser	D60 LEN 320	0.05	19/22	All Models
BLARCND000D050L260		D50 LEN 260	0.03	19/22	All Models



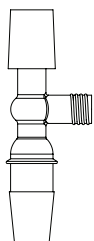
Part Number	Description	Volume Capacity (mL)	Center Nozzle	Side Nozzles	Suitable Model
BLARREFTV0500MLV2	Collector Flask	500 mL	19/22	19/22	All Models



Part Number	Description	Volume Capacity	Connection Nozzle Size	Suitable Model
BLARDOF00250MLCOCK	Feed Funnel	250 mL	19/22	All Models
BLARDOF00100MLCOCK		100 mL	19/22	All Models

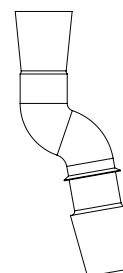


Part Number	Description	Size	Suitable Model
BLARSTP00019220000	Glass Stopper	B19	All Models
BLARSTP00024290000		B24	All Models



Part Number	Description	Nozzle Size	Suitable Model
BLARADP0BC1922COCK	Bent Adapter	B19	All Models

Part Number	Description	Nozzle Size	Suitable Model
BLARCSTSWNCK1922V1	Swan Neck	B19	All Models



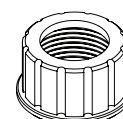
Part Number	Description	Nozzle Size	Suitable Model
BLARADP0BC1922GL14	Straight Adopter	B19 / GL14 Thread	AllModels



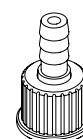
Part Number	Description	Size	Suitable Model
BLAATEMPPOB10OD200	Temperature Probe Pocket	12 mm	AllModels



Part Number	Description	Size	Suitable Model
BLARCAPGL25PTFE001	GL Caps	GL25	AllModels
BLARCAPGL32PTFE001		GL32	AllModels



Part Number	Description	Size
BLARMBR00126000000	GL Barb Connector	GL14



Part Number	Description	Size
BLA0ROT102DX16ODSS	Universal Coupling	8 mm Id



Ultrasonic Baths

Ultrasonic Bath offers gentle effective cleaning action ensuring that no contaminants get carried over from the previous process.

Sonicator Bath

Ultrasonic Baths use sound waves and liquid to clean small objects. Borosil Labquest digital series of Ultrasonic cleaners come in four different sizes. These stainless steel cleaners feature a bright LED display for time and temperature and easy push-button control along with 'degas' functions.



Technical Data & Ordering Information

Model Name	UCB025	UCB050	UCB100	UCB200	UCB270
Capacity	1.5 L	5 L	10 L	20 L	25 L
Working Temperature Range	Ambient +5 °C to 80°C				
Frequency	40 kHz				
Time setting	1- 99 mins				
Interior Dimension (L × B × H) in mm	150 × 140 × 100	300 × 155 × 150	300 × 240 × 150	500 × 300 × 150	500 × 300 × 200
Exterior Dimension (L × B × H) in mm	190 × 170 × 220	330 × 180 × 330	330 × 270 × 330	550 × 330 × 330	550 × 330 × 280
Ultrasonic Power	50 W	150 W	200 W	400 W	360 W
Heater Power	100 W	300 W	500 W	500 W	500 W
HSN Code	84798999				
Ordering Code	LQLEUCB 02500000000	LQLEUCB 05000000000	LQLEUCB 10000000000	LQLEUCB 20000000000	LQLEUCB 270HD000000
Prices / Piece	31,100.00	47,900.00	78,900.00	1,02,100.00	1,55,000.00

Recirculating Chillers

Labquest state-of-the-art Chillers ensure accurate alignment and constant conditions of instruments even in the challenging laboratory conditions. Recirculating chillers offer multiple benefits, including reducing user costs, protecting the environment, improving reaction reproducibility.

Cooling & Heating Circulators

Routine laboratory applications involving rotary evaporators, soxhlet & lab distillations, jacketed reactors, solvent tanks, Warming reagents, vacuum systems, and even analytical instruments.



Recirculating Chiller

Technical Data & Ordering Information

Model Name	CHL175	CHL250	CHL500	CHL010	CHL020
Tank capacity	5 L	5 L	5 L	8 L	15 L
Tank size (L × B × H) mm	325 × 176 × 150	325 × 265 × 150	325 × 265 × 150	325 × 265 × 200	375X300X250
Overall Dimensions (L × B × H) mm	508 × 257 × 596	954 × 327 × 596	594 × 327 × 596	594 × 396 × 723	700X550X700
Cooling capacity	175 W	250 W	500 W	1000 W	2000 W
Pump flow rate	12.5 LPM	12 LPM	15 LPM	15 LPM	15 LPM
Display	LED	LED	LED	LED	LED
Temperature stability	± 1.0 °C	± 1.0 °C	± 1.0 °C	± 1.0 °C	± 1.0 °C
Temperature range	-20 °C to ambient -5 °C	-20 °C to ambient -5 °C	-20 °C to ambient -5 °C	-20 °C to ambient -5 °C	-20 °C to ambient -5 °C
Castor Wheels for Mobility	NA	NA	Yes	Yes	Yes
HSN Code	84798999				
Ordering Code	BLFRCHL 17500000000	BLFRCHL 25000000000	BLFRCHL 50000000000	BLFRCHL 01000000000	BLFRCHL 02000000000
Prices / Piece	On Request	On Request	On Request	On Request	On Request

Recirculating Heater / Chiller

Technical Data & Ordering Information

Model Name	CTR010
Tank capacity	8 L
Tank size (L × B × H) mm	325 × 265 × 200
Overall Dimensions (L × B × H) mm	594 × 396 × 723
Cooling capacity	1000 W
Pump flow rate	12.5 LPM
Heater Capacity	1200 W
Display	LED
Temperature stability	± 1.0 °C
Temperature range	-10 °C to +100 °C
Castor Wheels for Mobility	YES
HSN Code	84798999
Ordering Code	BLFRCTR01000000000
Prices / Piece	On Request

Laboratory Stirrers

Compact magnetic stirrer with digital display offering accurate speed, timer, temperature setting

Magnetic Stirrers - Heat & Stir applications

These stirrers offer accurate, stable and highly-reproducible in various heating & stirring experiments involving low viscous fluids.



Technical Data & Ordering Information

Model Name	HLS200P	MHPS550P Premier
Stirring Position	1	1
Max Capacity	2 L	20 L
Max Speed for H ₂ O	1500 rpm	up to 2200
Timer	0 - 999 min OR Continuous	0 - 999 min OR Continuous
Plate Temperature	Ambient - 300 °C	Ambient +5 °C - 550 °C
Safe Temperature Setting	Yes	Yes
Hot Indicator when Plate is above 50 °C	Yes	Yes
Pulse Mode	NA	Yes
Display	LED Digital	Dual Set & Actual Temp, RPM & Time
Plate Material	SS 304	Ceramic
Power Consumption	2Å, 230V, 300	5Å, 230V, 1000W
Magnetic Bar	25 mm	25 mm
Top Plate Dimensions (L × B) in mm	150 × 155	180 × 180
Product Dimensions (L × B × H) in mm	285 × 190 × 150	313 × 212 × 110
Protection Class	IP21	IP21
Supplied with	PT100 Probe only	PT1000 Probe & Stand
HSN Code	84798200	
Ordering Code	BLFHLS200P0000000	100MHPS010550P
Prices / Piece	19,100.00	61,530.00

Optional Accessories

Description	Ordering Code	Suitable for
PT100 DIN Connector	BLA0DIN00MX0005PIN	HLS200P
PT1000 Probe	100MHPS01PT100	MHPS550P Premier
Probe Stand	100MHPS01PS000	MHPS550P Premier

Note: 100MHPS0103500 model is also available, till stocks last. (P.O.R.)

Hot Plate Stirrer

**COMING
SOON**



* Retort Stand not included in package

Technical Data & Ordering Information

Model Name	HPS500
Stirring Positions	1
Max Capacity	5 L
Max Speed for H ₂ O	1500
Timer	upto 99 hrs 99 min or Continuous Mode
Plate Temperatures upto °C	350 °C
Temperature Accuracy	Operation with external temperature measuring sensor Pt1000: ± 0.5 K
Safe Temperature Setting	Yes
Hot Indicator when Plate is above 50 °C	Yes
Display	3.5" TFT Display
Temperature Increments	Yes
Stirring RPM Increments	Yes
Top Plate Material	Stainless Steel
MOC Body	Aluminium
Power Consumption	1.5 kW
Magnetic Bar	Yes
Top Plate Dimensions	ø168 mm
Safety Warning for Plate Temp above 50 °C	Yes
IP Protection Class	IP21
External Temperature Probe 1	PT1000 Probe
External Temperature Probe 2	PT100 Probe
Rotation speed range	200 – 1500 rpm
Overhead Stirrer speed range	50 – 1000 rpm
Heating power	1000 watts @ 230 V
Temperature range	RT – 350 °C, setting accuracy 0.1 °C for Plate
Heating control	PID
Power input	230 V, 50 Hz, 6 A
Product Dimensions (L × B × H) in mm	360 × 215 × 160 mm (approx)
Ordering Code	BLFHPS500000000000*
Prices / Piece	On Request

Note: Parallel Reaction Station Accessory needs to be procured separately.

Stirrers - Max Stir

Outstanding stirring for high-volume applications in process equipments with USB Data Logging options

Industrial Max Stir MGS Series

Industrial Max-Stir are designed for chemical and biotechnical applications of all kinds that are within the field of quality insurance and pilot plant stations, it can also be integrated with high capacity process equipments, developed for highest demands, unbeatably strong, high stability with uncompromising continuous operation.



Technical Data & Ordering Information

Model Name	MGS020	MGS050	MGS200
Number of stirring positions		1	
Stirring quantity	Upto 20 L	Upto 50 L	Upto 200 L
Motor Type	BLDC 15 motor	BLDC 30 motor	
Stirring bar length	35 - 80 (in mm)	80 - 120 (in mm)	155 (in mm)
Material Housing		304 Stainless steel	
Display	Digital LCD Display		
Speed range	0 - 1000 rpm	0 - 600 rpm	
Timer	(0 - 99:99 hrs:min) or continuous/infinite operation		
Set-up plate dimensions in mm	300 × 300	400 × 400	500 × 500
Dimensions (L × B × H) mm	300 × 390 × 110	400 × 490 × 110	500 × 590 × 110
Weight of the Product	12 Kgs	14 Kgs	25 Kgs
Weight / Load (it can Sustain)	30 Kgs	70 Kgs	70 Kgs
Process Equipments Indirect Load It can stir	Volumes up to 20L	Volumes up to 50L	Volumes up to 200L
Ramp Rate	Adjustable for different viscosity		
USB Interface (Upgradable)	YES - Option to connect Labquest Data Logger & Printer		
Permissible temperature	5 °C to 40 °C		
Max Current	5A	5A	
Motor rating output	30W	60W	
HSN Code	90278090		
Ordering Code	BLFHMGS02000000000	BLFHMGS05000000000	BLFHMGS20000000000
Prices / Piece	On Request		

Stirrers

Compact multiposition magnetic stirrer with digital display offering accurate speed, timer, temperature setting

Magnetic Stirrers with Heating - Multiple Position

Multi-position Hot Plate Magnetic Stirrer is used widely for liquid heating mixing parallel and series of experiments. It is the essential mixing instrument for biology, heredity, medicine and health, environmental protection and biochemistry laboratories.



MHPS 15P

Technical Data & Ordering Information

Model Name	MHPS 5P	MHPS 10P	MHPS 15P
Stirring Position	5	10	15
Plate Temperature	120°C	120°C	120°C
Max Capacity	5 × 250 ml	10 × 250 ml	15 × 250 ml
Max Speed	1500 rpm	1500 rpm	1500 rpm
Timer	1-999 min	1-999 min	1-999 min
Motor Type	BLDC	BLDC	BLDC
Pulse Mode	Yes	Yes	Yes
Display	Digital	Digital	Digital
Plate Material	Stain less steel plate with silicone sheet		
Power Consumption	450 W	450 W	800 W
Magnetic Bar	25 mm	25 mm	25 mm
Top Plate Dimensions (L × B) in mm	565 × 136	565 × 196	565 × 282
Product Dimensions (L × B × H) in mm	565 × 136 × 75	565 × 196 × 75	565 × 282 × 75
Protection Class	IP42	IP42	IP42
HSN Code	84798200		
Ordering Code	100MHPS0515000	100MHPS1015000	100MHPS1515000
Prices / Piece	59,280.00	82,500.00	1,20,490.00



5 position



10 position



15 position

Laboratory Stirrers

Compact magnetic stirrer with digital display offering accurate speed, timer setting

Magnetic Stirrers - Stir only applications

A magnetic stirrer is a laboratory device that employs a rotating magnetic field to cause a stir bar immersed in a liquid to spin very quickly, thus stirring it. It finds applications in chemistry & biology experiments involving Dilution, Maintaining suspensions, Homogenisation and Dissolution, Emulsions in a laboratory.



Technical Data & Ordering Information

Model Name	MGS001	MS One	MS Four	MLS010	MLS050
Stirring Position	1	1	4	1	1
Max Capacity	upto 2L	800 ml	4 × 400 ml	10 L	50 L
Max Speed	2200 RPM	1500 RPM	1200 RPM	upto1000 RPM	upto1000 RPM
Timer	0-999 min	1-99min	1-99min	Continuous	Continuous
Pulse Mode	NA	Yes	Yes	NA	NA
Display	LED	Digital	Digital	LED	LED
Plate Material	SS304	SS304	SS304	SS	SS
Type of Motor	AC	Motorless	Motorless	BLDC	BLDC
Slip Detection	NA	NA	NA	Yes	Yes
Power Consumption	1Å, 230V, 25W	1.5Å, 12V, 5W	2Å, 9V, 13W	1.5Å, 12V, 30W	2Å, 12V, 60W
Magnetic Bar	25 mm	25 mm	25 mm	25, 35, 50, 60	25, 35, 50, 60
Top Plate Dimensions (L × B) in mm	155 × 145	150 × 100	385 × 182	250 × 250	370 × 370
Product Dimensions (L × B × H) in mm	284 × 188 × 120	156 × 110 × 14	457 × 126 × 14	310 × 250 × 100	430 × 370 × 100
Protection Class	IP21	IP65	IP65	IP42	IP42
HSN Code	90278090				
Ordering Code	BLFHMG 001P0000000	100MS0 00115000	100MS0 00412000	BLFHML S01000000000	BLFHML S05000000000
Prices / Piece	10,730.00	17,020.00	33,920.00	40,010.00	61,950.00

Hot Plates

Precise digital temperature control and timer function

Rectangular Hot Plates

Labquest microprocessor PID controlled Hot Plates offers uniform & precise heating along with safe working. It finds applications in acid and base digestions, trace metal analysis, sample drying, general reagent heating, evaporation, cytological & histological studies. These products are widely used in industries such as chemicals, automobile & pharmaceutical laboratories.



HPL400P

HPL020

Technical Data & Ordering Information

Model Name	HPL020	HPL030	HPL400
Max Capacity - Beaker	500ml Beaker × 12 pc	500ml Beaker × 18 pc	2L Beaker × 1 pc
Max Plate Temperature	up to 300°C		
Timer	0-999 min / Continuous	Digital Timer	0-999 min / Continuous
Display	LED	LED Display	LED
Plate Material	Aluminium	Aluminium	SS 304 Top Plate
Power Consumption	2000 W	3000 W	400 W
Energy Regulation	YES		
Top Plate Dimensions (L × B)mm	300 × 450	450 × 600	155 × 150
Product Dimensions (L × B × H) mm	320 × 465 × 215	465 × 615 × 215	285 × 190 × 150
HSN Code	84798200		
Ordering Code	BLFHHPL02000000000	BLFHHPL03000000000	BLFHHPL400P0000000
Prices / Piece	66,040.00	79,810.00	10,730.00

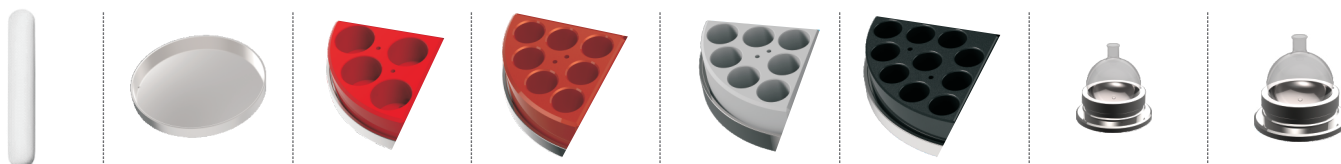
Laboratory Stirrer Accessories

Aluminium Blocks & Stir Bars are basic accessories that promote safe & better heat transfer while using RB Flask or Reaction Tubes on a Hot Plate

Aluminum Heating Blocks

The aluminum heating reaction blocks provides safe working. The accessories blocks are used with various hot plate stirrers & suitably replace oil bath & heating mantles thus promoting safe laboratory working.

Magnetic stir bars in various sizes are also available.



Technical Data & Ordering Information

Model Name	Ordering Code	Pack Size	List Price
Accessory Stir Bar D: 8 mm × 25 mm	100MSA0BL08025	10	4,730.00
Accessory Stir Bar D: 8 mm × 35 mm	100MSA0BL08035	10	5,060.00
Accessory Stir Bar D: 12 mm × 50 mm	100MSA0BL12050	10	14,620.00
Accessory Stir Bar D: 13 mm × 60 mm	100MSA0BL13060	1	2,150.00
Aluminium Blocks Organiser Carry Plate	BLAHHPA00QP000000	1	6,200.00
Aluminium Quarter Block 4 × 20 ml	BLAHHPA00QB200000	1	5,000.00
Aluminium Quarter Block 4 × 30 ml	BLAHHPA00QB300000	1	7,800.00
Aluminium Quarter Block 7 × 16 ml	BLAHHPA00QB160000	1	5,600.00
Aluminium Quarter Block 10 × 8 ml	BLAHHPA00QB080000	1	6,100.00
Aluminium Quarter Block 12 × 4 ml	BLAHHPA00QB040000	1	6,100.00
Aluminium Reaction Block RB 50 ml	BLAHHPA00RB050000	1	9,200.00
Aluminium Reaction Block RB 100 ml	BLAHHPA00RB100000	1	9,200.00
Aluminium Reaction Block RB 250 ml	BLAHHPA00RB200000	1	9,200.00
Aluminium Reaction Block RB 500 ml	BLAHHPA00RB500000	1	9,200.00
PT1000 Probe	100MHPS01PT100	11	9,300.00
Probe Stand	100MHPS01PS000	1	2,450.00

Overhead Stirrer

Labquest by Borosil presents a range of overhead stirrers designed for stirring and mixing tasks in the laboratory, catering to low to high viscosities.

Overhead stirrers are crafted to meet the diverse needs of laboratory applications, providing reliable and efficient solutions for stirring and mixing tasks.

BLDC, Microprocessor, Compact, Overload Protection.

- Stirring quantities of up to 100 liters.
- Brushless DC motor
- Micro-processor controlled technology.
- Reversible mixing Motions
- Compact and totally enclosed casing for enhanced safety.
- Adjustable push through impeller shaft to accommodate different heights/vessels
- Internal overload protection for added safety.



Technical Data & Ordering Information

Model Name	OHS15	OHS20	OHS40	OHS50	OHS75	OHS100
Stirring quantity max [L / H ₂ O]	20 L	25 L	40 L	50 L	75 L	100 L
Speed range [rpm]	50-1000	50-2000	50-1000	60-2000	60-2000	60-1300
Max Torque [N-cm]	15 N-cm	20 N-cm	40 N-cm	50 N-cm	75 N-cm	100 N-cm
Max Viscosity	8000mPas	10000mPas	30000mPas	30000mPas	50000mPas	70000mPas
Motor	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Power	24V/36 W	24V/36 W	24V/36 W	24V/72 W	24V/72 W	24V/72 W
Change of Rotation Direction	Yes	Yes	Yes	Yes	Yes	Yes
Speed / Timer Display	Digital LED	Digital LED	Digital LED	Digital LED	Digital LED	Digital LED
Impeller Adjustment	Push Through	Push Through	Push Through	Push Through	Push Through	Push Through
Overload Protection	Yes	Yes	Yes	Yes	Yes	Yes
Over Temperature Protection	Yes	Yes	Yes	Yes	Yes	Yes
Auto Resume - Power Interruption	Yes	Yes	Yes	Yes	Yes	Yes
Smart Control Feature	Yes	Yes	Yes	Yes	Yes	Yes
IP Rating	IP54	IP54	IP54	IP42	IP43	IP44
Chuck range diameter [mm]	1-10 mm	1-10 mm	1-10 mm	1-10 mm	1-10 mm	1-10 mm
Timer	1-99min OR Continuous					
Dimensions (L x W x H) [mm]	176X173X79	176X173X79	176X173X79	102X242X249	102X242X249	102X242X249
Weight [kg]	1.7 kg	1.7 kg	1.7 kg	5 kg	5 kg	5 kg
HSN	84798200					

* Chuck, Impellers, stand & boss head clamp to be ordered separately

Overhead Stirrer

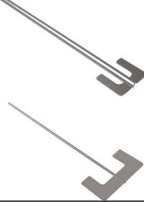
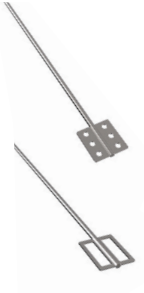
Technical Data & Ordering Information

Description	Item code	Price/pc
OHS15 15Ncm 20L 1000RPM 8000mPas	LQLEOHS015020PR000	30,400.00
OHS20 20Ncm 25L 2000RPM 10000mPas	LQLEOHS020025PR000	42,600.00
OHS40 40Ncm 40L 1000RPM 30000mPas	LQLEOHS040040PR000	44,600.00
OHS50 50Ncm 50L 2000RPM 30000mPas	LQLEOHS050050E0000	69,400.00
OHS75 75Ncm 75L 2000RPM 50000mPas	LQLEOHS075075E0000	73,500.00
OHS100 100Ncm 100L 1300RPM 70000mPas	LQLEOHS100100E0000	76,100.00

* Chuck, Impellers, stand & boss head clamp to be ordered separately

Impellers

Description	Item code	Flow Type	Dia	Max RPM	Viscosity Range	Blade Type	Price/pc
Propeller Impeller (50X8X550 mm)Axial	LQLEOHA5008550PIA0	Axial	50	2000	0-10000		2,300.00
Propeller Impeller (100X15X550 mm)Axial	LQLEOHA10015550PI0	Axial	100	800	0-20000		4,000.00
Propeller Impeller (130X15X800 mm)Axial	LQLEOHA13015800PI0	Axial	130	800	0-30000		5,600.00
CrossWelded Impeller (50X12X550mm)Radial	LQLEOHA5012550CWI0	Radial	50	2000	0-10000		3,400.00
StraightB Impeller (35X12X550mm)Radial	LQLEOHA3512550SBI0	Radial	35	2000	0-10000		3,100.00
StraightB Impeller (50X12X550mm)Radial	LQLEOHA5012550SBI0	Radial	50	2000	0-10000		3,800.00
PivotingB Impeller (60X15X550mm)Radial	LQLEOHA6015550PBI0	Radial	60	1800	0-10000		4,000.00
CollapsibleB Impeller (80X10X550mm)Radial	LQLEOHA8010550CBI1	Radial	80	1500	0-10000		3,600.00

Description	Item code	Flow Type	Dia	Max RPM	Viscosity Range	Blade Type	Price/pc
SquareB Impeller(38X38X550mm) Tangential	LQLEOHA3838550SBI1	Tangential	38	1000	0-30000		4,100.00
SquareB Impeller (70X70X800mm)Tangential	LQLEOHA7070800SBI1	Tangential	70	600	0-50000		5,400.00
AnchorB Impeller (45X45X550mm)Tangential	LQLEOHA4545500ABI0	Tangential	45	800	0-100000		4,000.00
AnchorB Impeller (90X80X800mm)Tangential	LQLEOHA9080800ABI0	Tangential	90	600	0-100000		5,700.00
PaddleB Impeller (70X70X550 mm)Tangential	LQLEOHA7070550PBI0	Tangential	70	800	0-100000		5,200.00
PaddleB Impeller (70X70X800 mm)Tangential	LQLEOHA7070800PBI0	Tangential	70	600	0-100000		6,100.00
PaddleB Impeller (70X80X550 mm)Tangential	LQLEOHA7080550PBI0	Tangential	70	800	0-100000		5,200.00
PaddleB Impeller (70X80X800 mm)Tangential	LQLEOHA7080800PBI0	Tangential	70	600	0-100000		6,100.00

Stands / Clamps / Chuck

Description	Item code	Price/pc
PlateStand 220X320 mm Rod560mm 5L	LQLEOHA2232560PS01	11,300.00
PlateStand 220X320 mm Rod800mm 5L	LQLEOHA2232800PS02	12,300.00
PlateStand 220X320 mm Rod1000mm 5L	LQLEOHA2232100PS03	13,300.00
Bosshead Clamp for Plate Stand PROHS	LQLEOHA00001BHCPR0	4,400.00
Bosshead Clamp for Plate/H stand PR OHS	LQLEOHA00001BHCPR1	4,200.00
Only H Stand 500x 450x 1020mm	LQLEOHA5045102HS01	26,200.00
Bosshead Clamp for H-Stand	LQLEOHA00001BHCH01	5,300.00
OHS Key Chuck	LQLEOHA00000HKC001	6,500.00
OHS Keyless Chuck	LQLEOHA00000HKC002	8,000.00
OHS Chuck Cover	LQLEOHA00000HKC004	300.00

PlateStand	Bosshead	H Stand	Key Chuck	Keyless Chuck
				

Heating Mantles

The intelligently designed safe heating mantles provide safety cut off with precise heating along with time & temperature display like never before

CE Certified Temperature Controlled Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction process.

Note : The units are supplied with PT 100 probe only, Retort rod & Accessories to be procured separately.



Technical Data & Ordering Information

Model Name	GMC250	GMC500	GMC010
Flask Capacity	250 ml	500 ml	1000 ml
Working Temperature Range	Ambient +5 °C to 350 °C		
Temperature Accuracy	1°C		
Timer	upto 999 mins or continuous		
Power Requirements	1Å, 150W	1Å, 200W	1.5Å, 300W
Display	LED Display with Temperature, Time and Process Status		
Top Plate Material	MS		
Body Construction	MS		
Product Dimensions (L × B × H) mm	265 × 330 × 135		
Stage wise Heating Modes	Yes		
External Temperature Probe	PT 100		
CE Certification	YES		
HSN Code	84198990		
Ordering Code	BLFHGMC25000000000	BLFHGMC50000000000	BLFHGMC01000000000
Prices / Piece	10,000.00	10,700.00	11,400.00

Technical Data & Ordering Information

Model Name	HMC020	HMC050	HMC011
Flask Capacity	2 L	5 L	10 L
Working Temperature Range	Ambient +5 °C to 350 °C		
Temperature Accuracy	1° C		
Timer	upto 999 mins or continuous		
Power Requirements	2.5 Å, 450 W	3 Å, 600 W	6 Å, 1200 W
Display	LED Display with Temperature, Time and Process Status		
Top Plate Material	SS	SS	SS
Body Construction	MS	MS	MS
Product Dimensions (L × B × H) mm	263 × 355 × 136	339 × 430 × 170	456 × 550 × 210
Stage wise Heating Modes	Yes	Yes	Yes
External Temperature Probe	PT 100		
HSN Code	84198990		
Ordering Code	BLFHMC02000000000	BLFHMC50000000000	BLFHMC01100000000
Prices / Piece	37,680.00	43,800.00	63,230.00

Heating Mantles

Ideal for busy laboratories with multiple users or experiments needing different set temperatures at the same time

Multiposition Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction process.



Technical Data & Ordering Information

Model Name	MPM062	MPM065
Heating Position	6	6
Max Flask Capacity	250 ml	500 ml
Power Consumption	1200 W	1450 W
Temperature Range	Ambient +5°C to 350°C	Ambient +5°C to 350°C
Temperature Control	PID & digital energy regulator	PID & digital energy regulator
Temperature feedback	Yes	Yes
Temperature Accuracy	1 °C	1 °C
Display Timer	0 - 999 min and Infinite	0 - 999 min and Infinite
Material of Construction	M.S Powder coated body with SS304 Top Plate	M.S Powder coated body with SS304 Top Plate
Unit Dimensions (L × B × H) mm	1000 × 330 × 135	1000 × 330 × 135
HSN Code	84198990	84198990
Ordering Code	BLFHMPM06200000000	BLFHMPM06500000000
Prices / Piece	76,560.00	76,560.00

Precision Heating Mantles

The intelligently designed safe heating mantles provide safety cutoff with precise heating & stirring features

Precise Stirring & Heating Mantles

The equipment precisely fits the boiling and distillation flask, round bottom flasks or relevant reaction vessels providing consistent and controllable heating of organic liquids required for the boiling, evaporation, distillation, or extraction process.



Technical Data & Ordering Information

Model Name	PRM250	PRM500	PRM010	PRM020
Flask Capacity	250 ml	500 ml	1L	2 L
Working Temperature Range	Ambient +5 °C to 350°C			
Temperature Accuracy	1 °C			
Timer	upto 999 mins or continuous			
Stirring Speed	300 - 2200 rpm			
Power Requirements	1Å, 150W	1Å, 200W	1Å, 300W	2.5Å, 450W
Display	LED Display with Temperature, Time and Process Status			
Top Plate Material	SS	SS	SS	SS
Body Construction	SS	SS	SS	SS
Product Dimensions (L × B × H) mm	310 × 330 × 160	310 × 330 × 160	310 × 330 × 160	263 × 355 × 136
Stage wise Heating Modes	Yes	Yes	Yes	Yes
External Temperature Probe	PT 100			
HSNCode	84198990			
Ordering Code	BLFHPRM 25000000000	BLFHPRM 50000000000	BLFHPRM 01000000000	BLFHPRM 02000000000
Prices / Piece	28,650.00	29,920.00	36,520.00	38,580.00

*PRM Capacities 5L & 10 L available on request

Vacuum Pump (Oil-free)

- Boro-017 Vacuum pump is a piston-powered, oil-free pump. With innovative electronic, mechanical technology and human design concept make, compact and light weight, clean and maintenance free, safe and comfortable.
- Driven by Piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.
- Equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.
- Motor has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.

Suitable for



BORO017
Single Position Manifold



BORO034
Three Position manifold



BORO060
Six Position manifold

Technical Data & Ordering Information

Model Name	BORO - 017	BORO034	BORO060
Power (V / Hz)	220 / 50	220 / 50	220 / 50
Max. Vacuum (Absolute & Gauge)	100 mbar / -670 mm Hg		
Max. flow rate	17 L / min	34 L / min	60 L / min
Motor rotation	1450 rpm	1450 rpm	1450 rpm
Outlet Port thread	9 mm	9 mm	9 mm
Vacuum Stage	Single	Double	Double
Suitable for Filtration	Single Station Manifold	3 Position manifold	6 Position manifold
Noise level	50 dB	60 dB	52 dB
Weight	4.4 kg	5.4 kg	8.6 kg
Dimension (W × D × H) mm	(272 × 142 × 165)	310 × 152 × 165	340 × 155 × 195
Electrical Requirement	0.3 A	0.4	1
Power Consumption	65 W	80	190
Ordering Information	100VP300017	100VP400034	100VP600060
HSN Code	84798200	84798200	84798200
Prices / Piece	34,300.00	55,200.00	68,300.00

* Note Caution - Oil Free Series -Never pump toxic, explosive, flammable, corrosive gases, chemicals, solvents or powders. Flowing substances, explosion or fire can cause bodily injury. Install the pump in an area without explosive or flammable substances. The pumps cover aqueous base filtration range.

Accessories

Description	Ordering Code
Vacuum Suction Bottle* To maintain an inert environment by removing air or gases from the reaction vessel.	100VPSB0020

*Connecting a vacuum suction bottle in case of oilfree pump filtrations helps protect the pump's components by preventing any liquid or solid material from entering the pump during the filtration process. Thus it ensures higher lifespan for Pump.



Chemical resistance vacuum Pump

The construction with PTFE makes them very resistant to chemical vapors from inlet to exhaust and very tolerant to condensates. Pumping chambers are hermetical ensuring long lifetimes of mechanical parts. Most importantly, diaphragm pumps are oil-free, with vastly reduced service demands compared with oil sealed pumps. They eliminate the cost of water and its contamination well-known from water-jet aspirators and the waste-oil disposal of rotary vane pumps. They are chemical resistant diaphragm vacuum pumps which can be widely used for hard acidic, basic and solvent vapors by utilizing corrosion proof PTFE on all the wetted surfaces.

- High chemical resistant - Solvent base filtrations
- Long-term durable
- No air pollution, maintenance free
- Smooth surfaces for easy cleaning
- Sealing system provides reduced leakage rates for improved ultimate vacuum
- Quiet and low vibration
- Thermal protection device



BORO CR C300



BORO CR C400

Technical Data & Ordering Information

Model Name	BORO CR C300	BORO CR C400	BORO CR C410	BORO CR C510
Power (V / Hz)	220V / 50Hz	220V / 50Hz	220V / 50Hz	220V / 50Hz
Max. Vacuum	101 mbar	120 mbar	13 mbar	8 mbar
Max. flow rate	22 L / min	34 L / min	25 L / min	34 L / min
Motor rotation	1450 rpm	1450 rpm	1450 rpm	1450 rpm
Outlet Port thread	10 mm	10 mm	10 mm	10 mm
Vacuum Stage	Single	Single	Double	Double
Noise level	50 dB	50 dB	50 dB	60 dB
Weight	6 kg	8.5 kg	8.5 kg	13.2 kg
Dimension (W × D × H) mm	233 × 110 × 210	294 × 156 × 195	294 × 156 × 195	380 × 156 × 226
Electrical Requirement	0.5	0.5	0.5	0.5
Power Consumption	60	95	95	245
Ordering Information	100VPC30022	100VPC40034	100VPC41025	100VPC51034
Prices / Piece	On Request	On Request	On Request	On Request

* Accessories like Vacuum controller are available on request.

Glass Dryer

Labquest dryer offers basic solutions of quick drying laboratory glasswares at 60 °C

Labquest Glass dryers can be used as bench top model or wall hanging in your laboratory washing area. It offers drying of laboratory articles in 10 to 15 minutes. Useful for quick drying viz. GCMS glasswares, Kjeldahl digestion tubes, routine work Involving assorted glassware, general purpose drying.



Technical Data & Ordering Information

Model Name	GDS020
Number of Pegs	21
16 mm	8 Nos
10 mm	8 Nos
7 mm	5 Nos
Temperature Range	Ambient to 70°C
Time Control	Yes
Drying Power	650 W
Dimension (L × B × H) in mm	440 × 170 × 550
Voltage (V)	240 V
HSN Code	84798200
Ordering Code	BLFGGDS02000000000
Prices / Piece	26,290.00

Liquid Handling System & Life Science Equipment

Precision and efficiency are the foundation of every breakthrough in research and diagnostics. Our comprehensive range of Bottle Top Dispensers, Digital Burettes, Micropipettes, Centrifuges, Shakers, Incubators, and Vortex Mixers is designed to enhance accuracy and streamline laboratory workflows.

Built to meet the highest industry standards in pharmaceuticals, life sciences, and analytical research, our products focus on innovation and user-friendly design. They ensure seamless performance, enabling scientists and professionals to achieve consistent and dependable results.



BOTTLE TOP DISPENSER

DIY calibration
for safe chemical handling

NABL certified for accuracy and
Compliance

DIGITAL BURETTE

Fine adjustment wheel
for precise endpoint detection

Data logging ensures
GLP compliance

For more queries write to us lab.support@borosil.com



MICROPIPETTES

Wide range of manual & electronic micropipettes (0.1–10,000 μ L) for accuracy & precision

Ergonomic design minimizes thumb strain for prolonged use.

VORTEX MIXERS

For quick, efficient mixing of single or multiple samples

Stable & user-friendly design

DRY BATH

Microprocessor-controlled ensures accurate temperature regulation

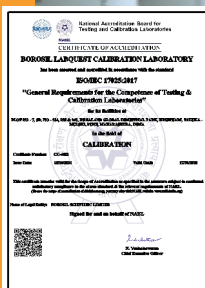
Interchangeable aluminum blocks for diverse lab needs

Redefining Dispensing
A New Era of
Precision & Efficiency

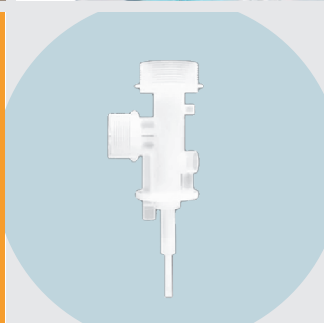
BOTTLE TOP DISPENSER

Backed by NABL Lab accreditation

our Bottle Top
Dispenser (BTD)
certificates provide
complete accuracy
and precision
readings, delivering
a new standard of
transparency in the
industry.



Wipeout
piston for
**Smooth
Operation**

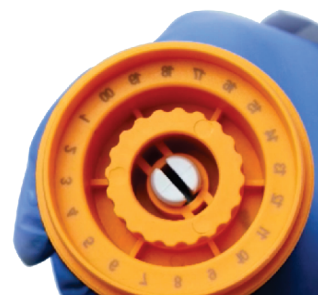


DIY
Calibration

**Safety
Mechanism**
to avoid accidental
push outs of
the discharge valve



**Springless
Valve**
To ensure a durable,
maintenance free
design



Bottle Top Dispensers

Great Sample Preparations are made easy by Lab Essentials Dispensers

- Splash safety guard
- Hybrid valve for smooth operation
- Easy calibration reset
- QR code for chemical compatibility chart



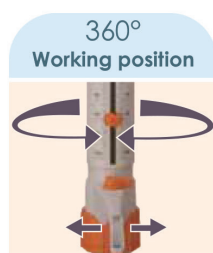
Without recirculation

With recirculation

Technical Data & Ordering Information

Product Code RESEARCH Without Recirculation	Volume Range (ml)	Increment (ml)	Accuracy		CV		Prices / Piece ₹
			± %	± ml	± %	± ml	
BLFLLH002011002D00	0.25 - 2.5	0.05	0.6	0.012	0.2	0.004	15,230.00
BLFLLH002011005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01	15,230.00
BLFLLH002011016D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02	15,230.00
BLFLLH002011020D00	2.5 - 25.0	0.5	0.6	0.18	0.2	0.06	22,030.00
BLFLLH002011040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.12	22,030.00
BLFLLH002011100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2	26,290.00

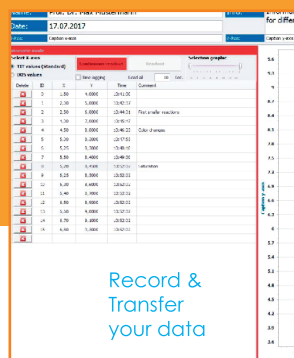
Product Code PINNACLE With Recirculation	Volume Range (ml)	Increment (ml)	Accuracy		CV		Prices / Piece ₹
			+ %	+ ml	+ %	+ ml	
BLFLLH002012002D00	0.25 - 2.5	0.05	0.6	0.012	0.2	0.004	25,150.00
BLFLLH002012005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01	25,150.00
BLFLLH002012016D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02	25,150.00
BLFLLH002012020D00	2.5 - 25.0	0.5	0.6	0.18	0.2	0.06	33,440.00
BLFLLH002012040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.12	35,660.00
BLFLLH002012100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2	51,410.00



LABQUEST
BY BOROSIL®

Unleash the
power of
pinpoint
precision with

e-Titrate



By turning the discharge tube at 180° all liquid flows back into the bottle. No more accidental discharge.

Maintain and Control accuracy by in built CAL mode.

Through the access to the e Titrate memory, all data can be transferred to a PC - No more Transmission error.

For more queries write to us lab.support@borosil.com

SMART • RUGGED • PRACTICAL

e-Titrate

An ergonomically designed digital burette: a perfect solution for Industrial Titration, Environmental and analytical testing, and pharmaceutical analysis.

- Fine adjustment wheel for determining accurate end point
- 2 in 1 instrument for Dosing and Titration
- Built in Calibration mode for liquids of different viscosities
- Moving Cannula for purging and drip free titration
- Complies with DIN ISO 8655-3 Standard
- Memory function allowing storage of 1000 readings

Note : Data could be transferred in PC through RS232 or USB cable using Titrexsoft software as optional Accessory.



Technical Data & Ordering Information

Product code	DB050
Capacity (ml)	0- 50 ml
Display Increment (ml)	0.01
Accuracy in +- %	0.06%
Accuracy in +- ml	0.03
CV in +- %	0.02%
CV in +- ml	0.01
HSN Code	90278090
Ordering Code	LH00201401200FA000
Prices / Piece	1,23,900.00

Accessories

Description	Ordering Code	Price
software along with RS232/ USB Cable	LH002014012FAACC01	On Request

e- Dispenser COMING SOON

Introducing the next evolution in lab equipment – our Dispenser seamlessly transition from sample preparation to testing with unparalleled precision and versatility.

- 3 calibrated preset speed
- In built calibration features allowing highest accuracy
- USB interface for data transfer



Technical Data & Ordering Information

Product code	EHD050
Capacity (ml)	0- 50 ml
Dispense Display Increment (ml)	0.2
Accuracy in +- %	0.10%
Accuracy in +- ml	0.05
CV in +- %	0.05%
CV in +- ml	0.025
HSN Code	90278090
Ordering Code	BLFLLH002014012E00
Prices / Piece	On Request

Micropipettes

C1 Designed to take manual liquid-handling workflows to a whole new level with industry-leading accuracy and precision.

- Silicone Oring for optimal tip seal
- Robust design includes metal tip base
- Low operating thumb force



Technical Data & Ordering Information - Fixed volume

Model Name	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17111001	1	2.5	1.8	17,010.00
LHC17111002	2	2.5	1.8	17,010.00
LHC17111005	5	1.2	0.8	17,010.00
LHC17111006	10	1.0	0.5	17,010.00
LHC17111008	20	1.0	0.3	17,010.00
LHC17111009	25	0.8	0.4	17,010.00
LHC17111010	30	1.2	0.4	17,010.00
LHC17111012	50	1.0	0.3	17,010.00
LHC17111016	100	0.7	0.2	17,010.00
LHC17111020	200	0.6	0.2	17,010.00
LHC17111021	250	2.0	0.6	17,010.00
LHC17111024	500	0.8	0.2	17,010.00
LHC17111029	1000	0.8	0.2	17,010.00
LHC17111030	2000	1.2	0.3	17,010.00
LHC17111033	5000	0.6	0.2	17,010.00
LHC17111038	10000	0.6	0.2	17,010.00
HSN Code	90318000			

Technical Data & Ordering Information - Variable volume

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17112002	0.2-2	0.02	2.0	1.00	21,160.00
LHC17112005	0.5-10	0.10	1.0	0.50	21,160.00
LHC17112008	2-20	0.20	1.0	0.30	21,160.00
LHC17112016	5-50	0.50	1.0	0.30	21,160.00
LHC17112020	10-100	1.00	0.7	0.20	21,160.00
LHC17112024	20-200	2.00	0.6	0.20	21,160.00
LHC17112029	100-1000	10.00	0.8	0.20	21,160.00
LHC17112033	1000-5000	50.00	0.6	0.15	21,160.00
LHC17112038	1000-10000	20.00	0.6	0.15	21,160.00
HSN Code	84798200				

Universal Graduated Tips for 5ml & 10ml Micropipettes

Product Code	Short Code	Tip Vol. (µl)	Selling Unit	Prices / Piece
BGT0C10005000B	BGT-C10005	5000	100 Tips/ pack	1,420.00
BGT0C10010000B	BGT-C10010	10000	100 Tips/ pack	3,200.00

Micropipettes

C1 Multichannel pipettes minimize human error and maximize the reliability of manual liquid transfer in scientific experiments.

- Ergonomically designed for stress free pipetting
- Recommended for ELISA test
 - Molecular screening
 - Kinetic studies
 - DNA Amplification



Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17113001	0.5-10	0.1	2.00	1.00	36,680.00
LHC17113002	2-20	0.2	2.00	1.00	36,680.00
LHC17113009	5-50	0.5	1.40	0.60	36,680.00
LHC17113016	10-100	1	1.30	0.50	36,680.00
LHC17113020	20-200	2	1.20	0.40	36,680.00
LHC17113022	30-300*	2	1.40	0.30	36,680.00
HSN Code	90318000				

* 30 - 300 µl Multichannel pipetti is available with two knoba : 30 - 200 µl & 125-300 µl

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17114001	0.5-10	0.1	2.00	1.00	40,810.00
LHC17114002	2-20	0.2	2.00	1.00	40,810.00
LHC17114009	5-50	0.5	1.40	0.60	40,810.00
LHC17114016	10-100	1.0	1.30	0.50	40,810.00
LHC17114020	20-200	2.0	1.20	0.40	40,810.00
LHC17114022	30-300*	2.0	1.40	0.30	40,810.00
HSN Code	90318000				

* 30 - 300 µl Multichannel pipetti is available with two knoba : 30 - 200 µl & 125-300 µl

Optional Accessories

Description	Product Code	Qty/Pack	Prices / Piece ₹
C1 Fixed Vol Knob	On Request	1	2,760.00
C1 Variable Vol Knob	On Request	1	4,520.00

Micropipettes

C2 Micropipettes are ergonomically designed, lightweight, and easy to handle, reducing hand and arm strain during prolonged use.

- Metal shaft with double O-rings for ultra micro sizes
- Durable tip cone made of PVDF exhibits exceptional resistance to physical wear and chemical corrosion.
- Soft plunger light weight and volume lock
- Over sized volume Indicator ensures easy volume monitoring



Technical Data & Ordering Information - Fixed volume

Model Name	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC27111001	1	2.5	1.8	9,720.00
LHC27111002	2	2	1	9,720.00
LHC27111005	5	1.2	0.8	9,720.00
LHC27111006	10	1	0.5	9,720.00
LHC27111008	20	1	0.3	9,720.00
LHC27111012	50	1	0.3	9,720.00
LHC27111016	100	0.7	0.2	9,720.00
LHC27111020	200	0.6	0.2	9,720.00
LHC27111024	500	0.8	0.15	9,720.00
LHC27111029	1000	0.8	0.2	9,720.00
LHC27111033	5000	0.6	0.15	9,720.00
LHC27111038	10000	0.6	0.15	9,720.00
HSN Code	84798200			

Technical Data & Ordering Information - Variable volume

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC27112002	0.1-2	0.01	2	1	12,960.00
LHC27112005	0.5-10	0.02	1	0.5	12,960.00
LHC27112008	2-20	0.02	1	0.3	12,960.00
LHC27112016	5-50	0.1	1	0.3	12,960.00
LHC27112020	10-100	0.1	0.7	0.2	12,960.00
LHC27112024	20-200	0.2	0.6	0.2	12,960.00
LHC27112029	100-1000	1	0.8	0.2	12,960.00
LHC27112033	1000-5000	10	0.6	0.15	15,340.00
LHC27112038	1000-10000	20	0.6	0.15	16,950.00
HSN Code	84798200				

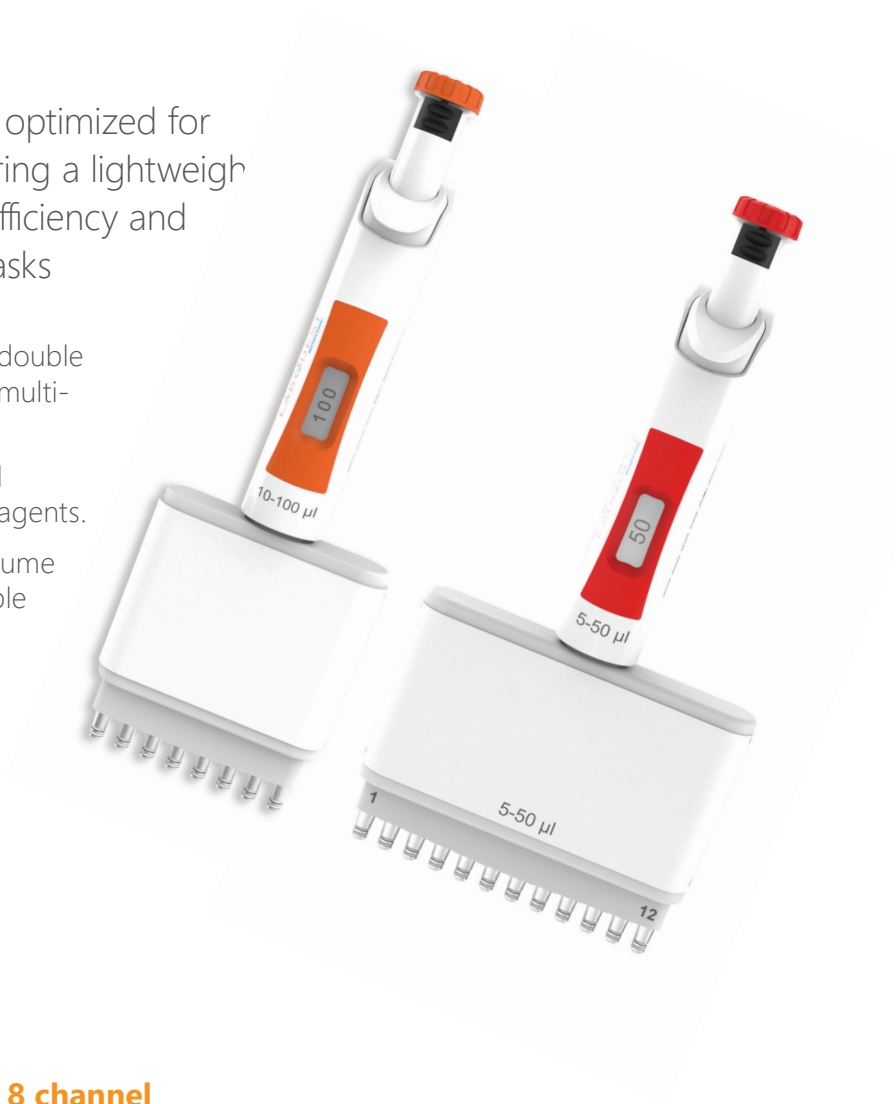
Universal Graduated Tips for 5ml & 10ml Micropipettes

Product Code	Short Code	Tip Vol. (µl)	Selling Unit	Prices / Piece
BGT0C10005000B	BGT-C10005	5000	100 Tips/ pack	1,420.00
BGT0C10010000B	BGT-C10010	10000	100 Tips/ pack	3,200.00

Micropipettes

C2 Multichannel Micropipettes are optimized for high-throughput applications, offering a lightweight ergonomic design that enhances efficiency and reduces user fatigue in repetitive tasks

- Precision-engineered metal shaft with double O-rings for consistent performance in multi-well plate work.
- Durable PVDF tip cone resists chemical corrosion, ideal for handling diverse reagents.
- Smooth, lightweight plunger with a volume lock mechanism for accurate and reliable dispensing.



Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC27113001	0.5-10	0.1	2	1	36,680.00
LHC27113016	10-100	1	1.3	0.5	36,680.00
LHC27113022	30-300*	2	1.4	0.3	36,680.00
HSN Code	90318000				

* 30 - 300 µl Multichannel pipetti is available with two knoba : 30 - 200 µl & 125-300 µl

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC27114001	0.5-10	0.1	2	1	40,810.00
LHC27114016	10-100	1	1.3	0.5	40,810.00
LHC27114022	30-300*	2	1.4	0.3	40,810.00
HSN Code	90318000				

* 30 - 300 µl Multichannel pipetti is available with two knoba : 30 - 200 µl & 125-300 µl

Micropipettes

C3 Lightweight, Ergonomic pipette design for every lab application

- Crafted for a comfortable 4 lightweight user experience
- Compatible with universal tips
- ideal shaft for reaching into narrow/deep tubes.



Technical Data & Ordering Information - Fixed volume

Model Name	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC37111001	1	2.5	1.8	4,450.00
LHC37111002	2	2.5	1.2	4,450.00
LHC37111005	5	1.2	0.8	4,450.00
LHC37111006	10	1.0	0.5	4,450.00
LHC37111008	20	1.0	0.3	4,450.00
LHC37111009	25	0.8	0.4	4,450.00
LHC37111010	30	1.2	0.4	4,450.00
LHC37111012	50	1.0	0.3	4,450.00
LHC37111016	100	0.7	0.2	4,450.00
LHC37111020	200	0.6	0.2	4,450.00
LHC37111021	250	0.4	0.2	4,450.00
LHC37111024	500	0.8	0.2	4,450.00
LHC37111029	1000	0.8	0.2	4,450.00
LHC37111033	5000	0.6	0.2	4,450.00
LHC37111038	10000	0.6	0.2	4,450.00
HSN Code	90318000			

Technical Data & Ordering Information - Variable volume

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC37112002	0.2-2	0.01	2.00	1.0	6,240.00
LHC37112005	0.5-10	0.10	1.00	0.5	6,240.00
LHC37112008	2-20	0.10	1.00	0.3	6,240.00
LHC37112016	5-50	0.50	1.00	0.3	6,240.00
LHC37112020	10-100	0.50	0.70	0.2	6,240.00
LHC37112024	20-200	1.00	0.60	0.2	6,240.00
LHC37112029	100-1000	5.00	0.80	0.2	6,240.00
LHC37112033	500-5000	50.00	0.60	0.2	6,240.00
LHC37112038	1000-10000	100.00	0.60	0.15	6,240.00
HSN Code	90318000				

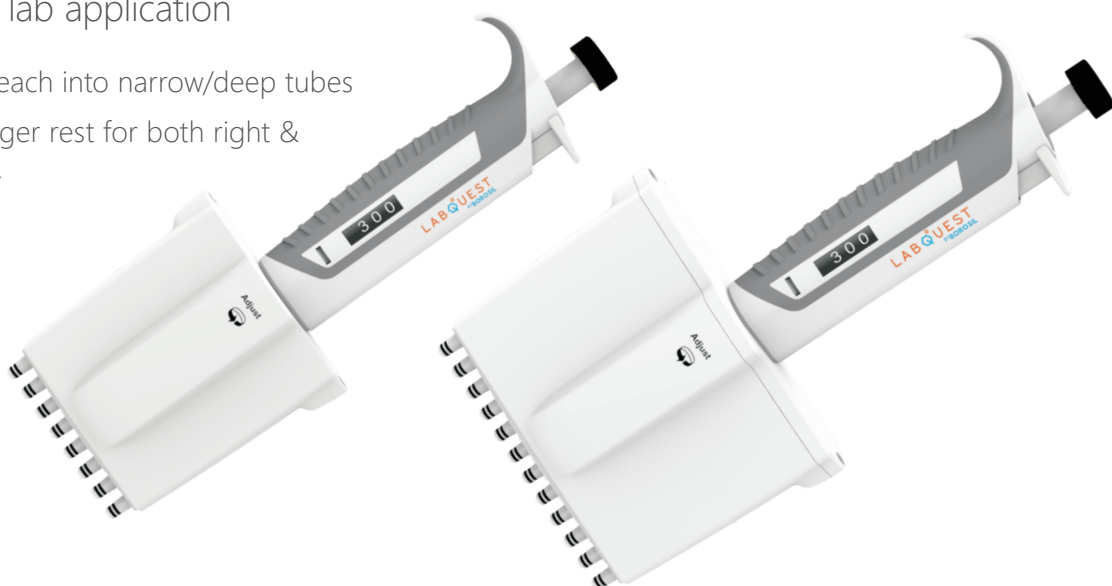
Universal Graduated Tips for 5ml & 10ml Micropipettes

Product Code	Short Code	Tip Vol. (µl)	Selling Unit	Prices / Piece
BGT0C30005000B	BGT-C30005	5000	100 Tips/ pack	1,420.00
BGT0C30010000B	BGT-C30010	10000	100 Tips/ pack	3,200.00

Micropipettes

C3 Lightweight, Ergonomic pipette design for every lab application

- Engineered to reach into narrow/deep tubes
- Comfortable finger rest for both right & left hand usage.



Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (μl)	Volume Increment (μl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC37113001	0.5-10	0.10	1.5.	1.50	22,830.00
LHC37113009	5-50	0.50	1.00	0.70	22,830.00
LHC37113016	10-100	0.50	1.00	0.50	22,830.00
LHC37113020	20-200	1.0	0.70	0.25	22,830.00
LHC37113022	30-300	1.0	0.80	0.25	22,830.00
HSN Code	90318000				

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (μl)	Volume Increment (μl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC37114001	0.5-10	0.1	1.50	1.50	28,530.00
LHC37114009	5-50	0.5	1.00	0.70	28,530.00
LHC37114016	10-100	0.5	1.00	0.50	28,530.00
LHC37114020	20-200	1.0	0.70	0.25	28,530.00
LHC37114022	30-300	1.0	0.80	0.25	28,530.00
HSN Code	90318000				

Technical Data & Ordering Information

Model Name	Description	Prices / Piece ₹
LHC07009004	Micropipette stand for 4 Single Channel Pipette	3,810.00



Electronic Micropipettes

Electronic pipettes are ergonomic with features of pipetting, dispensing programs & reduce muscle strain by performing pipetting steps for the user

- Exceptionally lightweight for effortless pipetting.
- Different modes available - Multi dispensing, Diluting diluting + mixing sequential dispensing.
- Intelligent sleep mode for battery conservation.



Technical Data & Ordering Information -

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17022042	0.5-10	0.01	1	1	41,170.00
LHC17022012	5-100	0.1	0.8	0.2	41,170.00
LHC17022008	10-200	0.1	0.6	0.2	41,170.00
LHC17022024	50 - 1000	1	0.6	0.2	41,170.00
LHC17022016	250 - 5000	5	0.6	0.2	41,170.00
HSN Code	90318000				

Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Prices / Piece ₹
LHC17023001	0.5-10	0.010	68,180.00
LHC17023002	2-20	0.01	68,180.00
LHC17023016	5-100	0.10	68,180.00
LHC17023020	10-200	0.10	68,180.00
LHC17023022	15-300	0.10	68,180.00
HSN Code	90318000		

Technical Data & Ordering Information - 12 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Prices / Piece ₹
LLHC17024001	0.5-10	0.01	77,010.00
LHC17024002	2-20	0.01	77,010.00
LHC17024016	5-100	0.10	77,010.00
LHC17024020	10-200	0.10	77,010.00
LHC17024022	15-300	0.10	77,010.00
HSN Code	90318000		



Electronic Pipette Controller

FAST PIPETTE Pipette Controller:
Pipette filling device

- Can hold plastic or glass pipette from 0.1ml upto 100ml
- Double safety valve & hydrophobic filters offer double protection against fluid penetration.

Technical Data & Ordering Information

Product Code	Description
LHC17005011	Pipette filling device
HSN Code	0318000
Prices / Piece	21,730.00



Serological Pipette

Labquest Serological Pipette delivers high precision with $\pm 2\%$ accuracy and ensures sample purity with a PET filter plug. Individually wrapped for traceability, it is ideal for various laboratory applications.

- Available in 1ml, 2ml, 5ml, and 10ml volumes
- PET filter plug prevents contamination
- Bidirectional graduations for accurate readings



Product Code	Description	Packing Type	Quantity / Pack	Pack / Case	Quantity / Case	Prices / Case ₹
LHC17BSP001	1 ml Serological Pipette	Individually Wrapped	100 pcs	6	600	11000.00
LHC17BSP002	2 ml Serological Pipette	Individually Wrapped	100 pcs	6	600	12150.00
LHC17BSP005	5 ml Serological Pipette	Individually Wrapped	100 pcs	6	600	18900.00
LHC17BSP010	10 ml Serological Pipette	Individually Wrapped	100 pcs	6	600	20000.00

Premium Micro Pipette Tips

Free of PCR inhibitors, lubricants and heavy metals

With graduations for visual control of liquid transfer

Certified DNase, RNase and Pyrogen Free

Produced from special diamond polish mould using medical grade virgin polypropylene which provides very high transparency

Available in both standard as well as low retention

With no secondary treatment and with no silicone additives for low retention

With special PE filters for prevention of aerosols and contamination

Specifically configured to fit major Pipette Brands available worldwide

FILTER TIPS

BOROSIL filter tips are manufactured using specifically developed Polyethylene filters to block aerosols from entering into the pipette.

This helps in prevention of cross contamination.

Ideal for use in applications like sequencing, DNA amplification, Tissue culture, RT-PCR and other critical protocols.

LOW RETENTION TIPS

BOROSIL low retention tips are manufactured from a specific resin in combination with high quality diamond finish moulds to give super hydrophobic internal surface. This results in tips having minimum retention with maximum accuracy.

Further since no silicone treatment is given, there is absolutely no leaching effect.



Tips and Filter Tips

							
10 XL-FILTER-TIP	10 XL-Tip	10 XN-tips	10 XN-with-Filter-Tips	10µL LONG			
							
10µL XL Extra Narrow	10µL	20-200 with filter	100 µL-Tip	100µL			
							
200 µL-FILTER-TIP	100 µL-Tip	100 µL	200 µL-FILTER-TIP	200 µL-Tip			
							
200 XL-Tips	200 XL-with-Filter-Tips	200 µL	300µL	1000 µL-FILTER-TIP			
							
1000 µL-Tip	1000µL	1000XL-LONG-TIP	1000XL-LONG-TIP-WITH-FILTER	1250µL			
							
AT-5000A	AT-5000A	AT-5000B	AT-5000B	AT-10000A	AT-10000A	AT-10000B	AT-10000B

Tips

Technical Data & Ordering Information

Universal Graduated Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT0000010B	BGT-10B	10	-	1000 Tips / pack	630.00
BGT0000200B	BGT-200B	200	-	1000 Tips/ pack	590.00
BGT0001000B	BGT-1000B	1000	-	1000 Tips/ pack	890.00
BGT0C10005000B	BGT-C10005	5000	Only C1	100 Tips/ pack	1,420.00
BGT0C30005000B	BGT-C30005	5000	Only C3	100 Tips/ pack	1,420.00
BGT0C10010000B	BGT-C10010	10000	Only C1	100 Tips/ pack	3,200.00
BGT0C30010000B	BGT-C30010	10000	Only C3	100 Tips/ pack	3,200.00

Universal Graduated Tips Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT0000010R	BGT-10	10	-	10 × 96 Tips/rack	2,630.00
BGT0000200R	BGT-200R	200	-	10 × 96 Tips/rack	2,500.00
BGT0001000R	BGT-1000R	1000	-	6 × 96 Tips/ rack	1,620.00

Universal Graduated Tips Racks Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010SR	BGT-10SR	10	-	10 × 96 Tips/rack	2,840.00
BGT000200SR	BGT-200SR	200	-	10 × 96 Tips/rack	2,700.00
BGT001000SR	BGT-1000SR	1000	-	6 × 96 Tips/ rack	1,870.00

Universal Graduated Tip Racks Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT00010SLR	BGT-10SLR	10	-	10 × 96 Tips/rack	3,030.00
BGT00200SLR	BGT-200SLR	200	-	10 × 96 Tips/rack	2,970.00
BGT01000SLR	BGT-1000SLR	1000	-	6 × 96 Tips/ rack	2,420.00

Universal Graduated Tip Reload Stack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010SZ	BGT-10SZ	10	-	10 × 96 Tips / rack	1,950.00
BGT000200SZ	BGT-200SZ	200	-	10 × 96 Tips / rack	1,860.00
BGT001000SZ	BGT-1000SZ	1000	-	5 × 96 Tips/ rack	1,400.00

Universal Graduated Tip Reload Stack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT00010SLZ	BGT-10SLZ	10	–	10 × 96 Tips / rack	2,280.00
BGT00200SLZ	BGT-200SLZ	200	–	10 × 96 Tips / rack	2,230.00
BGT01000SLZ	BGT-1000SLZ	1000	–	5 × 96 Tips/ rack	1,740.00

Filter Tips

Technical Data & Ordering Information

Universal Graduated Filter Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010FB	BGT-10FB	10	-	1000 Tips/ pack	2,900.00
BGT000020FB	BGT-20FB	20	-	1000 Tips/ pack	2,900.00
BGT000050FB	BGT-50FB	50	-	1000 Tips/ pack	2,900.00
BGT000100FB	BGT-100FB	100	-	1000 Tips/ pack	2,900.00
BGT000200FB	BGT-200FB	200	-	1000 Tips/ pack	2,900.00
BGT001000FB	BGT-1000FB	1000	-	1000 Tips/ pack	3,600.00

Universal Graduated Tips Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010FR	BGT-10FR	10	-	10 × 96 Tips/rack	4,130.00
BGT000020FR	BGT-20FR	20	-	10 × 96 Tips/rack	4,130.00
BGT000050FR	BGT-50FR	50	-	10 × 96 Tips/rack	4,130.00
BGT000100FR	BGT-100FR	100	-	10 × 96 Tips/rack	4,130.00
BGT000200FR	BGT-200FR	200	-	10 × 96 Tips/rack	4,130.00
BGT001000FR	BGT-1000FR	1000	-	6 × 96 Tips/ rack	2,900.00

Universal Graduated Filter Tip Rack Sterile

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT00010SFR	BGT-10SFR10	10	-	10 × 96 Tips/rack	4,280.00
BGT00020SFR	BGT-20SFR	20	-	10 × 96 Tips/rack	4,280.00
BGT00050SFR	BGT-50SFR	50	-	10 × 96 Tips/rack	4,280.00
BGT00100SFR	BGT-100SFR	100	-	10 × 96 Tips/rack	4,280.00
BGT00200SFR	BGT-200SFR	200	-	10 × 96 Tips/rack	4,280.00
BGT01000SFR	BGT-1000SFR	1000	-	6 × 96 Tips/ rack	3,190.00

Universal Graduated Filter Tip Rack Sterile Low Retention

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT0010SLFR	BGT-10SLFR	10	-	10 × 96 Tips/rack	5,230.00
BGT0020SLFR	BGT-20SLFR	20	-	10 × 96 Tips/rack	5,230.00
BGT0050SLFR	BGT-50SLFR	50	-	10 × 96 Tips/rack	5,230.00
BGT0100SLFR	BGT-100SLFR	100	-	10 × 96 Tips/rack	5,230.00
BGT0200SLFR	BGT-200SLFR	200	-	10 × 96 Tips/rack	5,230.00
BGT1000SLFR	BGT-1000SLFR	1000	-	6 × 96 Tips/ rack	3,930.00

Empty Tip Box

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT00010ETR	BGT-10ETR	10	-	10 Rack Boxes	2,060.00
BGT00200ETR	BGT-200ETR	200	-	10 Rack Boxes	2,060.00
BGT01000ETR	BGT-1000ETR	1000	-	6 Rack Boxes	1,380.00

UV Sterilization Box

Experience rapid, residue-free disinfection with our multi-purpose UV sterilization box. Utilizing UV-C technology, it swiftly and effectively sanitizes without harmful chemicals or residues, ensuring an environmentally friendly and hassle-free solution for your sterilization needs.



Technical Specification

Model No.	DIC020
Inbuilt timer	User selectable from 5 to 30 minutes
Incremental time	5 mins
UV C lamp make	CE Certified GERMICIDAL UVC lamp
UV C lamp life	11000 hrs
UV C lamp wattage	11 W × 4
Outer dimension (LXDXH)	430 × 380 × 235 mm
Inner dimension (LXDXH)	420 × 255 × 170 mm
Maintenance	UVC lamps user replaceable
Unit Power	45 W
Input power	230V 50Hz Ac
Ordering Information	BLFGDIC01000000000

Micro Centrifuge

Smart, Sturdy & Silent intelligently designed micro centrifuge built to make your life easier in lab

MCF08VT

With insights gleaned from extensive user-research, Borosil's MCF08VT is everything that a user could want. From reliable performance and high-quality components to intelligently designed chassis and user-friendly interface, MCF08VT is built to make your life easier in the lab.



Technical Data & Ordering Information

Model Name	MCF08VT
Rotor position	8 × 1.5/2.0 ml Microtubes
Tube capacity in ml	1.5 / 2.0 / 0.2 / 0.5
Max speed (rpm)	1000 - 6000 rpm in 100rpm steps
RCF (g)	2000 g
Display	Digital
Noise level	< 55 db
Imbalance detection	Yes
Timer	1 - 25 Minutes & infinite mode
Dimension (L × W × H) mm	162 × 157 × 116
Weight	1.1 Kg (with rotor)
Rotors and Adaptors (included in standard pack)	8 × 1.5/2.0 ml Closed Rotor, PCR strip Rotator (2 × 8 × 0.2 m) Reduction adaptors for 0.2 / 0.5 ml Microtubes
HSN Code	8421999
Ordering Code	100MCF00800VT0
Prices / Piece	15,310.00

8 x 1.5/2ml rotor



PCR strip rotor



0.2/0.5ml tube reducers



Micro Centrifuge

Smart, Sturdy & Silent intelligently designed micro centrifuge built to make your life easier in lab

MCF12VT

Delivering top-notch accuracy in every cycle despite high load, MCF12VT has been designed keeping in mind the requirements of the clients. The lightning fast 15000 RPM microprocessor controlled centrifuge can perform at peak efficiency and give the desired results. It gives smooth and silent operation even at the maximum speed.



Technical Data & Ordering Information

Model Name	MCF12VT
Rotor position	12 × 1.5ml / 2.0ml Microtubes
Tube capacity in ml	1.5 / 2.0 / 0.5 / 0.4 / 0.2
Max speed (rpm)	15000 rpm
RCF (g)	15596 g
Display	Large digital display
Motor Type	Brushless DC motor
Noise level	< 60 db
Imbalance detection	Yes
Timer	Countdown timer : 1 - 99 Mins & infinite mode
Dimension (L × W × H) mm	187 × 265 × 115
Weight	2.2 Kgs (with rotor)
Rotors and Adaptors (included in standard pack)	12 × 1.5/2 ml Angel Rotor, Reduction adaptor for 0.2 ml Microtubes Reduction adaptor for 0.4 ml / 0.5 ml Microtubes
HSN Code	84211999
Ordering Code	100MCF01200VTO
Prices / Piece	58,170.00

Optional Accessories

Description	Ordering Code	Prices / Piece
12 × 1.5/2 ml Angle Rotor	10000MC1202MLF	10,760.00
PCR Strip Rotor (2 × 8 × 0.2 ml)	10000MC0208MLS	17,580.00

12 tubes rotor angle	1.5/2.0ml tubes		0.5ml Adaptor		0.1/0.2ml Adaptor
					
	1.5/2 ml	0.5 ml	0.4 ml	0.2 ml	0.1 ml
Max. Speed	15000	15000	15000	15000	15000
Max. RCF	15596	12577	12074	11105	10278

PCR strip rotor (Optional)	0.1/0.2ml PCR strip
	
Max. Speed	15000
Max. RCF	13080

Micro Centrifuge

A resilient micro centrifuge meticulously designed to ensure seamless centrifugation with each rotation.

MCF24VT

The MCF24VT, a 24-place rotor centrifuge, attains speeds up to 17040g, featuring a thoughtfully designed low loading height. Crafted after extensive customer research, it is ideal for clinical, molecular, and bacteriological applications.



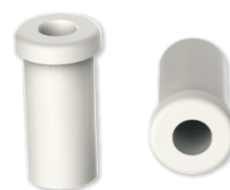
Technical Data & Ordering Information

Product code	MCF24VT
Rotar Position	24 × 1.5/2 ml microtube
Tube capacity in ml	0.1/0.2/1.5/2.0
Max speed (rpm)	500-13400 RPM in steps of 100 RPM
RCF	17040 g
Display	Large digital display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Noise level	<60 dB
Imbalance detection	Yes
Timer	1 to 999 mins & infinite mode
Dimension (L × W × H) mm	381 × 480 × 185
Weight	8.2 kg (without rotor)
Rotors and Adapters (Included in standard pack)	24 × 1.5/ 2 ml microtube rotor Reduction adapter for 0.1/0.2/0.5 ml microtubes.
HSN Code	84211999
Ordering Code	100MCF00240VT0
Prices / Piece	86,820.00

24 x 1.5/2ml



0.2/0.5ml tube reducers



Cooling High Speed Micro Centrifuge

Unmatched performance,
safety with preset features for
quick cooling



Technical Data & Ordering Information

Model Name	CLMC24VT
Cooling temperature	Up to -20°C
Max speed (rpm)	500 - 15000 rpm
Programmable Feature	User can set and save up to 99 user defined programs of 4 lines each
Display	Large back lit LCD display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 secs to 999 mins & infinite mode
Dimension (L × W × H) in mm	452 × 314 × 278
Weight	Approx. 43 kgs
HSN Code	84219999
Ordering Code*	100CLMC2400VT0
Prices / Piece	On Request

* Product is supplied without rotors, add rotors as per your application

Optional Accessories

Description	Ordering Code	Prices / Piece
Microtubes Rotor (24 × 1.5 / 2 ml) (21420 × g)	100CLMC2402MLF	28,050.00
Microtubes Rotor (44 × 1.5 / 2 ml) (22388 × g)	100CLMC4402MLF	37,970.00
Angal Rotor 8 × 5 ml (18461 × g)	100CLMC0805MLF	41,550.00
PCR Strip Rotor (4 × 8 × 0.2 ml) (15397 × g)	100CLMC4802MLS	42,110.00

24 x 2ml rotor (standard supply)	1.5/2.0ml tubes	0.5ml Adaptor	0.1/0.2ml Adaptor	PCR strip rotor (optional)	0.2ml PCR strip	44 x 2ml rotor (optional)	1.5/0.2ml tubes	0.5ml Adaptor	0.1/0.2ml Adaptor	8 x 5ml rotor (optional)	5ml tube
Max. Speed	15000	15000	0.1ml 15000 0.2ml 15000	Max. Speed	15000	Max. Speed	15000	15000	15000	15000	15000
Max. RCF x g	21420	18842	16103 16930	Max. RCF x g	15397	Max. RCF x g	22388	19810	17070 17898	Max. RCF x g	18461

Clinical Centrifuge

Centrifuge for clinical application are designed to accommodate rotor and blood centrifuge tubes

Accommodates widely used tubes

- Supplied with adaptors for 2ml, 5ml, 6ml, 9ml (blood collection tube)



Technical Data & Ordering Information

Model Name	DCF06VT
Rotor position	6 × 15 ml (Fixed angle)
Tube capacity in ml	2 / 5 / 7 / 15 ml
Max speed (rpm)	6500 rpm + 100 rpm
RCF (g)	3684 g - 6 × 15 ml
Motor Type	Brushless DC motor
Noise level (db)	< 60 db
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer setting	1 - 30 Minutes & infinite mode
Dimension (L × W × H) mm	260 × 244 × 205
Weight	4 Kgs (with rotor)
Rotors and Adaptors (included in standard pack)	6 × 15ml rotor (Fixed angle)
	Adaptor for 2ml/5ml/6ml Blood collection tube
HSN Code	84211999
Ordering Code*	100DCF00600VT0
Prices / Piece	54,930.00

* Also available in 8 × 15 ml fixed angle rotor (3873g) Part No. 100DCF00800VT0

Optional Accessories

Description	Ordering Code	Prices / Piece
Fixed angle rotor, 8 × 15 ml (3873g)	100CCFA0815MLF	18,170.00

Clinical Centrifuge

Expertly designed Clinical centrifuge for PRP protocols, accommodating wide range of sample sizes while ensuring user protection with motorized safety Latch



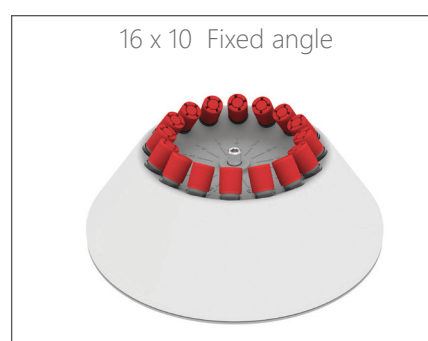
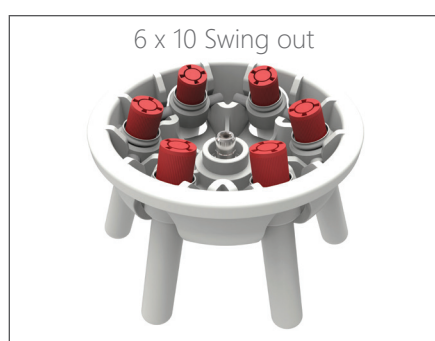
Technical Data & Ordering Information

Product code	CCD4000VT
Rotar Position*	6 × 10 ml (swing out rotor), 8 × 15 ml (Fixed angle), 16 × 10 ml (fixed angle)
Tube capacity in ml	10/15 ml
Max speed (rpm)	500 - 4000 RPM in steps of 10 RPM
RCF	2270 g - 6 × 10 ml
Motor Type	BLDC
Lid Lock Safety	Yes
Noise level	≤65 dB
Imbalance detection	Yes
Timer	1 to 999 mins, infinite
Dimension (L × W × H) mm	381 × 480 × 185
Weight	8.2 kg (without rotor)
HSN Code	8421999
Ordering Code	100CCD00400VT0
Price / Piece	64,950.00

*Product is supplied without rotors. Rotors to be added as per application

Accessories

Description	Ordering Code	Max Speed	Max RCF × g	Price
Swing out rotor 6 × 10 ml	100CCD0610MLS	4000	2270 g	6,530.00
Fixed angle rotor 8 × 15 ml	100CCD0815MLF	4000	1950 g	6,530.00
Fixed angle rotor 16 × 10 ml	100CCD1610MLF	4000	2180 g	9,530.00



Clinical Centrifuge

Optimize your molecular biology work flows with a fixed angle plate clinical centrifuge. Tailored for real-time and end time PCR applications for both skirted and nonskirted PCR plates.



Technical Data & Ordering Information

Product code	CCFA250VT
Rotar capacity*	2 microplate - 96 & 384 wells (Fixed Angle)
Maximum RPM/RCF(g)	2500 RPM / 462 g
Motor Type	Brushless DC motor
Speed setting	500 - 2500 RPM in steps of 100 RPM
Timer setting	1 - 99 mins & infinite mode
Lid Lock Safety	Yes
Noise Level	<65 dB
Programmable feature	User can set & save P1 & P2 user defined programs (protocol)
Dimensions (L × W × H)	330 × 265 × 161 mm
Voltage / Consumption	24 W
Weight	4.0 kgs
HSN Code	84211999
Ordering Code	100CCFA0250VT0
Price / Piece	29,260.00

*Rotor supplied as standard accessory

2 Microplate - 96 & 384 wells



Clinical Centrifuge

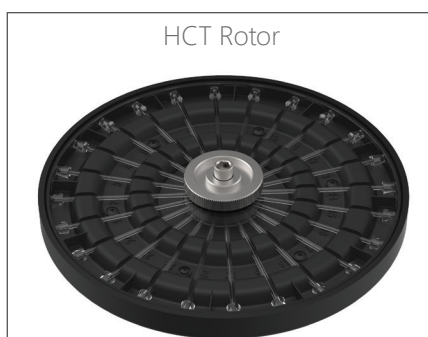
Clinical Centrifuge crafted for hematocrit application. The innovative HCT rotor combined with a screw on top lid, not only enhances operational ease but also provides superior protection against contamination.



Technical Data & Ordering Information

Product code	CCH120VT
Rotar capacity*	24 × up to 75 mm length capillary tubes
Maximum RPM/RCF(g)	12000 RPM / 14118 g
Motor Type	Brushless DC motor
Speed setting	500-12000 RPM in steps of 100 RPM
Timer setting	Upto 12 mins
Lid Lock Safety	Yes
Rotor	HCT Rotor with screw on lid
Programmable feature	User can set parameters beforehand
Dimensions (L × W × H)	330 × 265 × 161 mm
Voltage / Consumption	24 V 5.6 A / 132 W
Weight	4.5 Kgs
HSN Code	84211999
Ordering Code	100CCH12000VT0
Price / Piece	69,750.00

*Rotor & Reader supplied as standard accessory



Clinical Centrifuge

Centrifuge for clinical application are designed to accommodate rotor and blood centrifuge tubes



Technical Data & Ordering Information

Model Name	CCD4504VT
Rotor position	Combi Rotor 4 × 50 ml + 4 × 15 ml or 8 × 15 ml
Tube capacity in ml	15 / 50 ml
Max speed (rpm)	4500 rpm
RCF (g)	1985 × g
Motor Type	Brushless DC motor
Noise level (db)	< 60 db
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer setting	1 - 99 Minutes & infinite mode
Dimension (L × W × H) mm	330 × 265 × 161
Weight	4 Kgs
Rotors and Adaptors (included in standard pack)	Combi Rotor 4 × 50 ml + 4 × 15 ml or 8 × 15 ml Adaptor for 5ml, 7ml, 10ml standard blood collection tube
HSN Code	8421999
Ordering Code	100CCD04504VT0
Prices / Piece	35,120.00

Additional Technical Data

Tube Capacity	50ml	15ml	10ml	7ml	5ml
Dimensions (mm)	025 × 115	017 × 120	016 × 100	013 × 100	012 × 75
Radius (mm)	8.77	8.77	8.77	8.37	8.37
Speed (RPM)	4500	4500	4500	4500	4500
Max. RCF	1985	1985	1985	1985	1985
Total no. of tube	4	8	8	8	8
Adaptor Required	No	No	Yes	Yes	Yes
	No	No	No	No	Yes
	No	No	No	Yes	No

Universal Lab Centrifuge

Designed to provide ideal results with combination rotor with unparalleled safety features



Technical Data & Ordering Information

Model Name	ULC4504VT
Rotor position (max)	4 × 100 ml
Max speed (rpm)	4500 rpm
RCF (g)	g varies as per rotor
Motor Type	Brushless DC motor
Display	Digital
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 sec - 99 mins & infinite mode
Speed Setting	500 to 4500 rpm
Dimension (L × W × H) mm	475 × 585 × 325
Weight	23 Kgs (without rotor)
Rotors (not included)	Multiple rotor options (swing and fixed angle)
HSN Code	84211999
Ordering Code*	100ULC04504VT0
Prices / Piece	81,000.00

Product is supplied without rotors, add rotors as per your application

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g	Prices / Piece ₹
Swing Out Rotor 32 × 6ml	100UC1A3206MLS	4500	3164 g	26,400.00
Swing Out Rotor 16 × 15ml	100UC1A1615MLS	4500	3485 g	14,270.00
Swing Out Rotor 4 × 50ml	100UC1A0450MLS	4500	3485 g	19,790.00
Swing Out Rotor 4 × 100ml (with lid)	100UC1A0401LMS	4500	3164 g	35,200.00
Swing Out Rotor 2 Micro plates	100UC1A0002MPS	4500	2355 g	39,690.00
Fixed Angle Rotor 16 × 15ml	100UC1A1615MLF	4500	3144 g	12,740.00
Fixed Angle Rotor 6 × 50ml	100UC1A0650MLF	4500	2644 g	9,120.00
Fixed Angle Rotor 4 × 50ml	100UC1A0450MLF	4500	2644 g	8,510.00
Fixed Angle Rotor 4 × 100ml	100UC1A0401MLF	4500	2599 g	17,810.00
Fixed Angle Rotor 24 × 15ml	100UC1A2415MLF	4500	2854 g	21,370.00

Universal Lab Centrifuge

Designed to provide ideal results with combination rotor with unparalleled safety features



Technical Data & Ordering Information

Model Name	ULC4204VT
Rotor position (max)	4 × 250 ml
Max speed (rpm)	4200 rpm
RCF (g)	g varies as per rotor
Motor Type	Brushless DC motor
Display	Digital
Lid Lock Safety	Yes
Imbalance detection	Yes
Timer Setting	30 sec - 99 mins & infinite mode
Speed Setting	500 to 4500 rpm
Dimension (L × W × H) mm	475 × 585 × 325
Weight	23 Kgs (without rotor)
Rotors (not included)	Multiple rotor options (swing and fixed angle)
HSN Code	84211999
Ordering Code*	100ULC04204VT0
Prices / Piece	1,13,520.00

Product is supplied without rotors, add rotors as per your application

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g	Prices / Piece ₹
Swing Out Rotor 32 × 6ml	100UC2A3206MLS	4200	2766 g	26,210.00
Swing Out Rotor 16 × 15ml	100UC2A1615MLS	4200	2884 g	24,260.00
Swing Out Rotor 4 × 50ml	100UC2A0450MLS	4200	2884 g	19,790.00
Swing Out Rotor 4 × 100 ml	100UC2A0401MLS	4200	2766 g	18,170.00
Swing Out Rotor 4 × 250 ml	100UC2A0402MLS	4200	3181 g	56,810.00
Swing Out Rotor 64 × 6 ml	100UC2A6406MLS	4200	3181 g	54,470.00
Swing Out Rotor 2 Micro plates	100UC2A0002MPS	4200	2074 g	39,690.00
Fixed Angle Rotor 16 × 15ml	100UC2A1615MLF	4200	2410 g	12,740.00
Fixed Angle Rotor 6 × 50ml	100UC2A0650MLF	4200	2410 g	8,510.00
Fixed Angle Rotor 4 × 50ml	100UC2A0450MLF	4200	2331 g	8,510.00
Fixed Angle Rotor 4 × 100ml	100UC2A0401MLF	4200	2272 g	17,810.00
Fixed Angle Rotor 24 × 15ml	100UC2A2415MLF	4200	2489 g	21,370.00

High Speed Universal Lab Centrifuge

Centrifuge boasts a stainless steel rotor for rapid pelleting and centrifugation with a convenient short spin option. Its intelligent air flow system guarantees precise temperature regulation in the chamber, combining durability and ease of maintenance.



Technical Data & Ordering Information

Model Name	ULC1504VT
Rotar Position (max)	4x100 ml
Max speed (rpm)	500-15000 RPM in steps of 100 RPM
RCF	22388 g
Display	Large digital display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Noise level	<65dB
Imbalance detection	Yes
Timer	1 to 999 mins 59 secs. & infinite mode
Dimension (L X W X H) mm	475 × 585 × 325
Weight	23 kg (without rotor)
HSN Code	84211999
Ordering Code	100ULC1504VT00
Prices / Piece	1,40,880.00

* Product is supplied without rotors. Rotors to be added as per application

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g	Prices / Piece ₹
Swing Out Rotor 16 × 15 ml	100UC3A1615MLS	4500	3305 g	21,930.00
Swing Out Rotor 4 × 50 ml	100UC3A0450MLS	4500	3305 g	18,420.00
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g	17,830.00
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g	38,010.00
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g	27,120.00
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g	30,870.00
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g	26,210.00
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g	20,360.00
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g	18,830.00
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g	26,460.00
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g	18,830.00
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g	32,040.00
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g	40,210.00
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g	41,900.00
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g	40,000.00

Cooling Universal Lab Centrifuge

Multi-rotor configuration with high speed operation and variable temperature range for wide range of lab protocol



Technical Data & Ordering Information

Model Name	CULC1504VT
Rotor position (MAX)	4 × 100 ml (fixed & swing out) / 32 × 6 ml (swing out)
Cooling temperature	Up to - 10°C
Max speed (rpm)	15000 rpm
RCF (g)	g varies as per rotor
Display	Large back lit LCD display
Motor type	Brushless DC motor
Speed setting	500 to 15000 rpm
Lid lock safety	Yes
Imbalance detection	Yes
Timer setting	30 secs. to 999 mins 59 secs. & infinite mode
Dimension (L × W × H) in mm	705 × 585 × 330
Weight	57 kgs (without rotor)
HSN Code	8421999
Ordering Code*	100CULC1504VT0
Prices / Piece	On Request

* Product is supplied without rotors, add rotors as per your application

Optional Accessories

Description	Ordering Code	Max Speed	Max RCF × g	Prices / Piece ₹
Swing Out Rotor 16 × 15 ml	100UC3A1615MLS	4500	3305 g	21,930.00
Swing Out Rotor 4 × 50 ml	100UC3A0450MLS	4500	3305 g	18,420.00
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g	17,830.00
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g	38,010.00
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g	27,120.00
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g	30,870.00
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g	26,210.00
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g	20,360.00
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g	18,830.00
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g	26,460.00
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g	18,830.00
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g	32,040.00
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g	40,210.00
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g	41,900.00
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g	40,000.00



Centrifuge Tubes

Centrifuge tubes are essential for achieving accurate and reliable results in various laboratory applications. Labquest Centrifuge Tubes are designed to enhance your workflow by providing superior performance across cell culture, cell biology, microbiology, molecular biology, and sample preparation protocols.

- Withstands centrifugal forces up to 20,000g
- Certified DNase, RNase, endotoxin, and pyrogen-free
- Leak-proof design ensuring sample integrity
- Tamper-proof graduations for precise measurements



Product Code	Description	Packing Type	Quantity / Pack	Quantity / Case	Prices / Case ₹
100BCT1500B	15 ml Centrifuge Tube	Bulk	25 Tubes	25 Tubes × 20 Packs	7050.00
100BCT150BS	15 ml Centrifuge Tube, Sterile	Bulk	25 Tubes	25 Tubes × 20 Packs	8960.00
100BCT5000B	50 ml Centrifuge Tube	Bulk	25 Tubes	25 Tubes × 20 Packs	10650.00
100BCT500BS	50 ml Centrifuge Tube, Sterile	Bulk	25 Tubes	25 Tubes × 20 Packs	13150.00

Centrifuge Selection Chart

Model	MCF08VT	MCF12VT	MCF24VT	CLMC24VT	DCF06VT	CCD4000VT	
Feature							
Temperature Range	RT	RT	RT	upto -20 degree	RT	RT	
RPM	1000-6000	500-15000	500-13400	500-15000 rpm	500-6500	500-4000	
RCF	2000 g	15596 g	17040 g	Max 22388 g	3684 g	Max 2270 g	
Time	1-25 mins & infinite	1-99 mins & infinite mode	1-999 mins & infinite mode	30 sec - 999 mins, infinite mode	1-30 mins & infinite mode	1-999 mins & infinite mode	
Display	Digital	Digital	Digital	Digital	Digital	Digital	
Motor Type	AC	BLDC	BLDC	BLDC	BLDC	BLDC	
Noise Level	<55 dB	<60 dB	<60 dB	<60 dB	<60 dB	<65 dB	
Rotor	8 X 1.5/2 ml, PCR Strip	12 X 1.5/2 ml	24 X 1.5/2 ml	Max 5 ml	6 X15 ml	Max 15 ml	
speed setting	100 rpm	100 rpm	100 rpm	100 rpm	100 rpm	± 10 rpm	
Acc time	60 ± 2 sec	60 ± 2 sec	70 ± 5 sec	<72 sec	25 sec	45 sec	
Dec time	50 ± 2 sec	50 ± 2 sec	110 ± 5 sec	<74 sec	39 sec	70 sec	



MCF12VT



CLMC24VT



DCF06VT

Centrifuge Selection Chart

	CCFA250VT	CCH120VT	CCD4504VT	ULC4504VT	ULC420VT	ULC1504VT	CULC1504VT
	RT	RT	RT	RT	RT	RT	upto -10 degree
	500-2500	500-12000	500-4500	500-4500	500-4200	500-15000	500-15000 rpm
	462 g	14118 g	1985 g	Max 3485 g	Varies as per rotor	Max 22388 g	Max 22388 g
	1-99 mins & infinite mode	12mins	1-99 mins	30 sec - 99 mins & infinite mode	30 sec - 99 mins & infinite mode	1-999 mins & infinite mode	30 sec - 999 mins 59 sec , infinite mode
	Digital	Digital	Digital	Digital	Digital	Digital	Digital
	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
	<65 dB	<67 dB	<60 dB	<65 dB	<65 dB	<65 dB	<65 dB
	2 microplate, 96 x 384 wells	24 x up to 75 mm length capillary tube	4 x 50 ml + 4 x 15 ml or 8 x 15 ml	Max 4 x 100 ml	Max 4 x 250 ml	Max 4 x 100 ml	Max 4 x 100 ml
	100 rpm	100 rpm	100 rpm	100 rpm	100 rpm	100 rpm	100 rpm
	30 ± 5 sec	60 ± 5 sec	35 ± 5 sec	30 sec	30 sec	60 sec	60 sec
	20 ± 5 sec	70 ± 5 sec	35 ± 5 sec	30 sec	30 sec	60 sec	60 sec



CCD4504VT



ULC4504VT



CULC1504VT

Ultimate solution for precise heating DRY BATH

The LabQuest Digital Dry Bath provides a dependable and precisely controlled heating environment, ideal for microcentrifuge tubes and laboratory applications. Featuring a high-wattage, microprocessor-regulated heater, this dry bath guarantees accuracy and helps maintain a stable temperature. It is an excellent choice for molecular biology, biochemistry, and clinical research



- LabQuest digital dry bath with aluminum blocks provides a rapid and controlled heating environment in micro centrifuge tubes.
- The high-wattage heater is microprocessor controlled for accurate temperature control
- Temperature is set by adjusting the easy-to-operate rotary knob.
- Interchangeable blocks for requirement of every lab

Dry Baths

LabQuest versatile Dry Bath, offers a wide range of inter changeable blocks to accommodate various tubes and plates



Technical Data & Ordering Information

*Representative image Dry Bath LBH010 is supplied without aluminium block

Model Name	LBH010P
Temperature Range	Ambient +5°C to 130°C
Temperature Accuracy	±0.5°C at 37°C
Display Resolution	±0.1°C
Heating Up Time	<18 min 30°C TO 130°C
Process Timer	0 - 999 min
Temperature Control	PID and Digital Energy Regulator
Unit External Dimensions (W × D × H) in mm	285 × 190 × 156
Cover For Dry Block	UV protection
Power consumptions	200 W
Current Consumption	1A
HSN Code	841989900
Ordering Code	BLFHLBH010P0000000
Prices / Piece	24,500.00

8 well PCR strip of 0.2 ml, 32 wells,
φ6.35mm, depth 19mm
BLAALBHPCR3208W004



For 0.5 ml tube, 24 wells,
φ8.0mm, depth 25mm
BLAALBH0MW2406W004



FOR 2.0 ml or 1.5ml tube 16 wells of,
φ11.0mm, depth 30mm
BLAALBH0MW1604W004



Versatile multi well block for 8
wells of 0.2ml tube, 8 wells of 0.5ml
tube, and 8 wells of 2.0ml or 1.5ml
tube BLAALBHV008W004



15 ml tube* 12 wells
φ17.3mm, depth 50mm
BLAALBH0MW1204W004



For 50 ml tube* 4 wells,
φ29.2mm, depth 50mm
BLAALBH0MW0402W004



Bead bath or water bath
block Vol of 300ml*
BLAALBH0MW000BB004



Flat 96 well* plate block
BLAALBH0MW0096W004



* During usage of 15ml, 50ml & 96 well plate blocks, top covers remains open

Recommended Accessories

Description	Ordering Code	Prices / Piece ₹
LBH010 ALU Block - 8 × 4 Well PCR Strip Tube	BLAALBHPCR3208W004	12,480.00
LBH010 ALU Block - 6 × 4 Well, 0.5 ml Tube	BLAALBH0MW2406W004	12,480.00
LBH010 ALU Block - 4 × 4 Well, 1.5 / 2.0 ml Tube	BLAALBH0MW1604W004	12,480.00
LBH010 ALU Block - Multi Versatile Well - 8 Wells	BLAALBHV008W004	12,480.00
LBH010 ALU Block - 4 × 3 Well, 15 ml Tube	BLAALBH0MW1204W004	12,480.00
LBH010 ALU Block - 2 × 2 Well, 50 ml Tube	BLAALBH0MW0402W004	12,480.00
LBH010 ALU Bead Bath / Water bath block (w/o beads)	BLAALBH0MW000BB004	16,680.00
LBH010 ALU FLAT 96 well plate block	BLAALBH0MW0096W004	19,060.00

Orbital Shaker

Maintenance free brushless DC motor for powerful performance under high speed



Technical Data & Ordering Information

Model Name	PL ONE
Type of movement	Orbital
Orbital diameter in mm	2 mm
Number of plates	1
Motor Type	Brushless DC motor
Speed range in rpm	300 RPM to 1800 RPM
Run Time	1 to 99 mins & infinite
Pulse mode	No
Maximum Volume	96 / 384 well plate
Inbuilt Counter balance	Yes
Dimensions (W × D × H)	85 × 127 × 86 mm
Digital Display	Yes
Attachments (included in standard pack)	Replaceable Clamps Form attachment for 20 microtube
HSN Code	84798200
Ordering Code	100PL000100000
Prices / Piece	19,110.00

Orbital Shaker

Maintenance free brushless
DC motor for powerful performance
under high speed



Technical Data & Ordering Information

Model Name	PL FOUR
Type of movement	Orbital
Orbital diameter in mm	3 mm
Number of plates	4
Motor Type	Brushless DC motor
Speed range in rpm	200 RPM to 1200 RPM
Run Time	1 to 999 mins & infinite
Pulse mode	Yes
Maximum Volume	4 × 96 / 384 well plate
Inbuilt Counter balance	Yes
Dimensions (W × D × H)	343 × 88 × 195 mm
Digital Display	Yes
Attachments (included in standard pack)	NA
HSN Code	84798200
Ordering Code	100PL000400000
Prices / Piece	38,910.00

High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion

Program mode for motion, direction speed, time, dwell time, loop operation & sequence.



Technical Data & Ordering Information

Model Name	7500S
Type of movement	Orbital / Linear
Orbital diameter in mm	10
Speed range in rpm	50-300 rpm
Motor type	BLDC
Display	Digital
Run time	1 min to 99.59 hrs
Programable feature	6 programs with each program having 9 sub-programs
Program Looping	Yes
Platform Size (L × W) in mm	330 × 330
Dimensions (W × D × H) in mm	350 × 408 × 99
HSN Code	84798200
Ordering Code	100S0000075000
Prices / Piece	95,520.00

Optional Accessoried - For Shaker 7.5 Kg

Description	Ordering Code	Prices / Piece ₹
Universal platform with adjustable bars (Flask capacity 9 × 250 ml, 6 × 500 ml)	100S00009UPB75	10,460.00
Base plate with 9 plastic clamps : 9 × 250 ml	100S02509BPP75	10,340.00
Base plate with 9 plastic clamps : 9 × 500 ml	100S05009BPP75	11,240.00
Base plate with 9 Stainless steel clamps : 9 × 100 ml	100S01009BPS75	12,740.00
Base plate with 9 Stainless steel clamps : 9 × 250 ml	100S02509BPS75	13,130.00
Base plate with 9 Stainless steel clamps : 9 × 500 ml	100S05009BPS75	15,810.00
Stainless steel Clamp for 100 ml flask	100S01001SSC00	820.00
Stainless steel Clamp for 150 ml flask	100S01501SSC00	820.00
Stainless steel Clamp for 250 ml flask	100S02501SSC00	820.00
Stainless steel Clamp for 500 ml flask	100S05001SSC00	1,520.00
Stainless steel Clamp for 1000 ml flask	100S10001SSC00	2,920.00
Funnel Attachment	100S00000FA075	13,520.00

High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion

Program mode for motion, direction speed, time, dwell time, loop operation & sequence.



Technical Data & Ordering Information

Model Name	15000S	
Type of movement	Orbital / Linear	
Orbital diameter in mm	30, 40, 50	60, 70
Speed range in rpm	50 - 300 rpm	50 - 200 rpm
Motor type	BLDC	
Display	Digital	
Run time	1 min to 99.59 hrs	
Programable feature	6 Programs with each program having 9 subdivision	
Program Looping	Yes	
Platform Size (L × W) in mm	745 × 490	
Dimensions (W × D × H) in mm	625 × 825 × 165	
HSN Code	84798200	
Ordering Code	100S0000150000	
Prices / Piece	On Request	

Optional Accessoried - For Shaker 15 Kg

Description	Ordering Code	Prices / Piece ₹
Universal Platform for 44 × 100 ml, 36 × 250 ml, 25 × 500 ml, 13 × 1000 ml	100S00UP150000	56,850.00
Base Plate for Plastic Clamps for 24 × 250 ml, 24 × 500 ml	100S0BPC150015	37,640.00
Plastic Clamp 1 No 250 ml	100S02501PC015	1,020.00
Plastic Clamp 1 No 500 ml	100S05001PC015	1,290.00
Base Plate for SS Clamps 24 × 100 ml, 24 × 150 ml, 24 × 250 ml	100S0BSC250015	33,810.00
SS Clamp 1 No, 100 ml	100S01001SC015	1,300.00
SS Clamp 1 No, 150 ml	100S01501SC015	1,590.00
SS Clamp 1 No, 250 ml	100S02501SC015	1,590.00
Base Plate for SS Clamps 24 × 500 ml, 8 × 1000 ml	100S0BSC100015	33,810.00
SS Clamp 1 No 500 ml	100S05001SC015	2,210.00
SS Clamp 1 No 1000 ml	100S10001SC015	2,560.00

Incubator

Cooling Incubator with versatile performance

- Compact design for small bench space
- Accommodates flask sizes upto 2L
- Internal power outlet for easy installation of small shakers mixers etc.



Technical Data & Ordering Information

Model Name	INCH0025
Temperature Range	Ambient less 15 °C to 60 °C
Temperature Accuracy	0.5 °C (at 37 °C)
Temperature Uniformity	± 1.5 °C (at 37 °C)
Temperature Increments	± 1°C
Dimensions (L × W × H) in mm	337 × 370 × 475
Capacity	25 L
Weight	6.5 kgs
Power Consumption	240 V
Inner Space for Incubation of Plates & Flask	22 L
HSN Code	84198990
Ordering Code	100INCH0025000
Prices / Piece	76,710.00

Multitube Vortexer

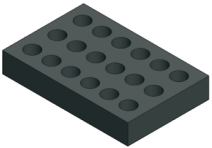
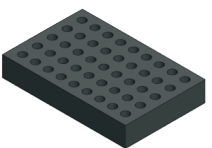
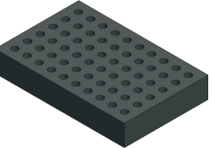
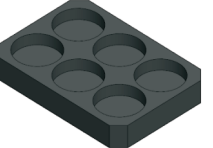
Engineered for cell lysis, mixing suspensions and general sample agitation



Technical Data & Ordering Information

Model Name	MTV012
Orbital Diameter in mm	6
Speed range (rpm)	50 - 2200 rpm
Motor type	BLDC motor
Speed Accuracy	±50 rpm
Operation Mode	Pulse & Continuous mode
Maximum Load	4.0 Kg
Digital time setting	1 min - 999 min & Infinite
Dimensions in mm	450 × 245 × 475
Weight (Kg)	24 Kg
Power	60 W
Power Supply	AC 100-240V, 50/60Hz
	Foam insert for 07ml × 60 Tubes / Foam insert for 15ml × 45 Tubes
	Foam insert for 50 ml × 18 Tubes
HSN Code	84798200
Ordering Code	BLFHMTV01200000000
Prices / Piece	On Request

Optional Accessories for Multitube Vortexer

				
50ml X 18 Tube Holding Foam	15ml X 45 Tube Holding Foam	7ml X 60 Tube Holding Foam	250ml X 6 Tube Holding Foam	100ml X 8 Tube Holding Foam

Description	Ordering Code	Prices / Piece ₹
50ML TUBE HOLDING FOAM	BLA0FOAMMTV0000003	10,950.00
15ML TUBE HOLDING FOAM	BLA0FOAMMTV0000004	10,950.00
7ML TUBE HOLDING FOAM	BLA0FOAMMTV0000005	10,950.00
250ml CONICAL FLASK HOLDING FOAM*	BLA0FOAMMTV0000006	10,950.00
100ml VOLUMETRIC FLASK HOLDING FOAM*	BLA0FOAMMTV0000007	10,950.00

Vortexers

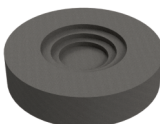
The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of laboratory



Technical Data & Ordering Information

Model Name	BHRMI 1.0
Speed	Up to 2800 rpm
Orbital diameter	6 mm
Motor type	AC motor
Operational mode	Touch, Stand-by & Continuous mode
Feet	Four suction cups
Unit External Dimension (W × D × H) in mm	132 × 160 × 180
Power consumption	55 W
Current consumption	1 A
HSN Code	84798200
Ordering Code	BLFHVMX01000000000
Prices / Piece	11,030.00

Optional Accessories for BHRMI 1.0

Accessories for 96 (Well Plates) Ordering code (Combine) BLAHVMX02060000000  Microplate holder  Well plate locking belt		Accessories for (volumetric Flask) Ordering code (Combine) BLA0EVA000FOAM0VMX  25, 50, 100ml Volumetric Flask Belt  Volumetric Flask Belt Locker  Volumetric flask Base foam  Foam Holder	
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Description	Ordering code	Accessories 1.0
Rubber Cup	BLAHVMX01040000000	Included
Flat Foam	BLAHVMX01050000000	
Vial Holder	BLAHVMX01000000001	
Foam Holder	BLAHVMX01010000007	
EVA Vial Holder foam	BLAHVMX02060000000	Optional
Attachment Volumetric Flask	BLA0EVA000FOAM0VMX	

Vortexers

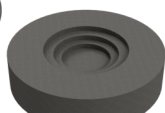
The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of Laboratory



Technical Data & Ordering Information

Model Name	BHRMI 2.0
Speed	Upto 2800 rpm
Orbital diameter	6 mm
Motor type	BLDC motor
Operational mode	Touch, Stand-by & Continuous mode
Timer Setting	0 - 999 min
Display	LED with timer
Feet	Four suction cups
Unit External Dimension (W × D × H) in mm	132 × 160 × 180
Power consumption	56 W
Current consumption	1.5 A
HSN Code	84798200
Ordering Code	BLFHVMX02000000000
Prices / Piece	15,120.00

Optional Accessories for BHRMI 1.0

Accessories for 96 (Well Plates) Ordering code (Combine) BLAHVMX02060000000  Microplate holder  Well plate locking belt		Accessories for (volumetric Flask) Ordering code (Combine) BLA0EVA000FOAM0VMX  25, 50, 100ml Volumetric Flask Belt  Volumetric Flask Belt Locker		 Volumetric flask Base foam  Foam Holder
--	--	---	--	--

Description	Ordering Code	Accessories 2.0
Rubber Cup	BLAHVMX01040000000	Included
Flat Foam	BLAHVMX01050000000	
Vial Holder	BLAHVMX01000000001	
Foam Holder	BLAHVMX01010000007	
EVA Vial Holder foam	BLAHVMX02060000000	Optional
Attachment Volumetric Flask	BLA0EVA000FOAM0VMX	



CIN : U74999MH1991PLC061851

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