

LABQUEST
BY BOROSIL®

CATALOGUE



Innovations in Laboratory Equipments

BOROSIL®
enabling the future of science

**BOROSIL
KLASSPACK®**
pharmaceutical packaging

BOROSIL®
TECHNOLOGIES

 Love For Science

PROUDLY MADE IN 
india



About US

Borosil Technologies Limited is located at Hinjewadi, Pune and is a 100% owned subsidiary of Borosil Limited. Borosil Technologies Limited is mandated to develop Laboratory equipment which is offered by Borosil Limited branded as Labquest.

Borosil Technologies Limited is equipped with Industrial design, Mechanical design, Embedded, Electronic, Software design capabilities, modern Assembly lines, Prototyping facilities, Service Center and an Application Lab.

Products developed and produced by Borosil Technologies Limited include Water Baths, Dry Baths, Nitrogen Estimation Systems, Stirrers, Vortex Mixers, Glass care equipment.

All products are designed to be SMART, RUGGED & PRACTICAL



Design Department

Industrial design, Mechanical design, Embedded, Electronic, Software design capabilities, Prototyping facilities are few of our highlights that help design a product with desirable features.



Modern Assembly lines

Equipped with the state-of-the-art-facility, precise product assembly and highest packing standards ensures best in class quality. Our products are handled with the utmost care and safety parameters.



Service Center

Our service starts before you buy a Labquest instrument . This care guarantees you instrument a long life and low maintenance and service expenses throughout its entire life cycle



Application Lab

We are embraced to assist you in the continuously changing environment. We look forward to providing you with solutions that increase your speed, efficiency, and productivity, all while always ensuring satisfactory results.



Our promise

Customer feedback is the key to our product development. Labquest products integrate seamlessly into scientists' working environments.

Welcome to Product Catalogue



Laboratory Equipment

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.

Manufacturers of Laboratory Equipment

SMART

RUGGED

PRACTICAL



- KJELDHAL SYSTEM
- COD DIGESTERS
- FAT DETERMINATION APPARATUS
- UV VISIBLE SPECTROPHOTOMETER
- WATER DISTILLATION UNITS
- CONTROLLED HEATING MANTLES
- STIRRERS
- CHILLER
- LABWARE DRYER
- DRY BATH

- VORTEX MIXERS
- CENTRIFUGE
- MICROPIPETTES
- SHAKERS
- VACCUM PUMP
- OVERHEAD STIRRERS
- BOTTLE TOP DISPENSERS
- DIGITAL BURETTE



Kjeldahl

Magnus Digesters

Automatic Kjeldahl Digestion unit with 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 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
Power Consumption	1400W	1600W	2100W
HSN Code	84198990		
Ordering Code	BLFAKBD06200000000	BLFAKBD08200000000	BLFAKBD12200000000
Prices / Piece	On Request		

Optional Accessories

Description	Ordering Code	Prices / Piece
Viton Rubber Tube - 10mm ID × 14mm OD – 1Mtr	BLA0VRT10D0014DBLK	3,520.00
Teflon Fume Cap ACCS (Case Lot – 01 No)	BLAAFUT100PTFE1651	1,850.00
KBD062 Fume Extractor	BLAAKBD06230000000	10,480.00
KBD080 Fume Extractor Glass ACCS	BLA0FUTKBD080D2510	12,570.00
KBD082 Fume Extractor	BLAAKBD08230000000	15,960.00
KBD083 Fume Extractor ACCS	BLAAKBD08330000000	16,920.00
KBD123 Fume Extractor ACCS	BLAAKBD12330000000	21,720.00
KBD200 Fume Extractor Glass ACCS	BLA0FUTKBD200D2510	14,790.00
KBD203 Fume Extractor ACCS	BLAAKBD20330000000	28,340.00
KBD062 Cooling Tray	BLAAKBD06170000000	6,660.00
KBD082 Cooling Tray ASM ACCS	BLAAKBD08250000000	7,030.00
KBD123 Cooling Tray ASM ACCS	BLAAKBD12350000000	8,880.00
KBD203 Cooling Tray ASM ACCS	BLAAKBD20350000000	11,090.00
KBD062 Test Tube Holder ACCS	BLAAKBD06220000000	6,960.00
KBD082 Test Tube Holder ACCS	BLAAKBD08220000000	12,080.00
KBD083 Test Tube Holder ACCS	BLAAKBD08320000000	14,200.00
KBD122 Test Tube Holder ACCS	BLAAKBD12200000000	16,880.00
KBD123 Test Tube Holder ACCS	BLAAKBD12320000000	18,800.00
KBD203 Test Tube Holder ACCS	BLAAKBD20320000000	21,200.00
250 ml Borosilicate Test Tube ASM (Case lot-5)	BLMATTB01041250000	10,560.00
400ml Borosilicate Test Tube ASM (Case lot-5)	BLAATTB01050400001	12,320.00
Quartz Test Tube 250ml ASM (Case lot-2)	BLGATTQ01041250000	9,280.00

Fume Scrubber

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



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 - 8MMIDx10MMOD - 1Mtr	BLA0STT8D00012TRNP	200.00
Viton Rubber Tube - 10MMIDx14MMOD - 1Mtr	BLA0VRT10D0014DBLK	3,520.00
Clear Braided PVC Hose pipe ACSS	BLOPIPPVC0HOS00CB	1,110.00
2L Reagent bottle - 1500030 ASM	BLA0BGW10001500030	2,120.00
KSC 020 Condenser V2 ASM	BLAAFUTV2KSCCD2932	4,890.00
KSC 010 Condenser V3 ACSS	BLAAFUTV3KSCCD2932	4,140.00
KSC Carbon Bottle ASM	BLAACRB02020018000	2,640.00

Kjeldahl



Magnus Distillation System with Autotirator

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
Steam	Distilled water	Alkali	Boric Acid Addition
Residue drain	Automatic	Titration Type	pH base
Display	7" colored touch screen	Water Addition	Automatic
Tube Capacity (ml)	250 / 400ml	Distillation Residue Removal	Automatic
Steam power regulation (Adjustable)	10 to 100%	Titration Cleaning Vessel	Automatic
Minimum distillation time (mins)	5	Detection Limit	0.1ml
Reagent level sensor	Yes	Analysis time	upto 1min
Anytime alkali addition	Yes	Titration Residue Removal	Automatic
Tube error detection	Yes	Boric Acid Addition	Automatic
Door close sensor	Yes	Burette Resolution	0.03ml/drop
Process resume from stop	Yes	Power Supply	230V/50Hz
One point calibration alkali and distilled water pump	Yes	Current Consumption	10A
Two point calibration for acid pump	Yes	Power Consumption	1800 W
Real time monitoring of process parameter	Yes	Dimension (L x B x H) mm	(480 x 470 x 820) mm
SELV protection	Yes	HSN Code	84198990
Programs	40 preset, 10 user editable	Ordering code	BLFAKDI06000000000
PC Connectivity	Yes	Price / Piece	On Request
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	KDI050
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 / 400ml
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	BLFAKDI05000000000
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	KDI040
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
Boric acid addition	Automatic
Display	LCD
Tube Capacity (ml)	250 / 400ml
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	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	5.5A
Power consumption	1000 W
Dimension (L × B × H) mm	(650 × 350 × 725) mm
HSN Code	84198990
Ordering Code	BLFAKDI0400000000
Price / Piece	On Request

Accessories

Magnus Kjeldahl Distillation / Oracle Kjeldahl Distillation

Optional Accessories

Description	Ordering Code	Prices / Piece
Silicon Transt Tube-8mmidx10mmod - 1mtr	BLA0STT8D00012TRNP	200.00
Clear Braided PVC Hose Pipe ACCS - 1Mtr	BLA0PIPPVC0HOS00CB	1,110.00
KDI PTFE Tube - 10mm OD × 08mm ID - 1Mtr	BLA0TUB000PTFE1008	3,700.00
KDI FLOW SWITCH ASM ACCS	BLAAKDI05010000001	3,160.00
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY	1,260.00
Oven Mittes - KDI ASM	BLA0OVM000KDI00000	520.00
KDI PP Jerry Can ACCS	BLA0JCNPP00000005L	680.00



Complete Solution for Proximate Analysis

Our product line now encompasses a comprehensive range for proximate analysis, ranging from protein to moisture, fat, and fiber analysers

Moisture analyser provide a definitive solution for moisture testing, a utmost parameter required to be estimated by food & feed industries.

New and revamped **Protein, Fat & Fiber analysers** are compact models that save on time, reagent and increase sample throughput

These products have been meticulously crafted to provide results with unparalleled precision, accuracy, and reproducibility.

Kjeldahl

Classical Distillation Unit

Safe, simple, efficient distillation systems for labs



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	
Energy mode	1-10	
Temperature regulators	1	6
Display	LED Display with time, safe temperature & process status	
Timer	1-999 Minutes	
Power consumption	150W	900W
Electrical regulation	0.65A	3.9A
HSN Code:	84198990	
Ordering Code	BLFACKD01500000000	BLFACKD06500000000
Prices / Piece	54,210.00	On Request

Accessories

Description	Ordering Code	Prices / Piece
Graham Condenser 200mm Jacket ACCS	BLA0BGW200KJDLGHM0	4,440.00
CLASSICAL KJELDHAL SPLASH HEAD-2429 ACCS	BLA0KSH24291926CKJ	2,120.00
CKD065 with Stand ASM (Entire assembly without glass parts)	BLAACKD06500000000	68,880.00
CKD015 with Stand ASM (Entire assembly without glass parts)	BLAHCKD01510000000	3,520.00

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	KDI040
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	BLFAKDI04000000000
Prices / Piece	On Request

Technical Data & Ordering Info

Model Name	CHL010
Tank capacity	10 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	BLFRCHL01000000000
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) mm	200 × 300 × 800		1050 × 300 × 800	
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	16,320.00
SOX015 with Stand ASM (Entire assembly without glass parts)	BLAASOX01510000000	17,280.00
SOX062 with Stand ASM (Entire assembly without glass parts)	BLAASOX06200000001	63,780.00
SOX065 with Stand ASM (Entire assembly without glass parts)	BLAASOX06500000001	73,280.00
SOXHLET 100 ML EXTRACTOR	BLA0SOXEXT10044327	5,000.00
SOXHLET 200ML EXTRACTOR	BLA0SOXEXT20048394	5,280.00
SOXHLET CONDENSER FOR 100ML EXT V2 ACCS	BLA0CON000SOX100V2	6,660.00
SOXHLET CONDENSER FOR 200ML EXT V2 ACCS	BLA0CON000SOX200V2	5,040.00

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
- Smooth condenser lifting operation
- Easy to remove condenser for cleaning



Technical Data & Ordering Information

Model Name	FAS060
No of positions	6
Sample size	0.5 gm to 10 gm
Recovery of Solvent	80-90%
Limit of detection	0.1% to 100 %
Heating profile	Energy regulator 1 to 10
Display	7" touch screen
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	380 L/hr
Power supply	230 V 50 – 60 Hz
Current Consumption	5.2A
Power consumption	1200 W
Dimensions (L × B × H) mm	(840 × 430 × 600) mm
HS Code	84198990
Ordering code	BLFRFAS06000000000
Price / Piece	On Request

Technical Data & Ordering Information

Description	Ordering Code	Pack Size	Price/ pack
33 × 80 mm Cellulose Thimbles	FPBCTH6033080	6	4,350.00
Thimble holder	BLAMFAS06010000020	6	On Request
Beaker 55MM DIA ACCS	BLA0FAS060BKR55124	6	On Request
FAS060 RANDALL condenser ACCS	BLA0FAS060CON56326	1	On Request

Rapid Fiber Analyser

**NEW
PRODUCT**

- 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 - 3gm
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)	1.5 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

Accessories

Description	Ordering Code	Pack Size	Price/ pack
MFB008 Fiber Filter Bag ACCS	BLAAMFB008CRC00000	50	On Request
MFB008 50ml CRUCIBLE WITH CRUCIBLE LID ACCS	BLAAMFB008CRULIDAC	1	On Request
MFB008 CRUCIBLE TRAY ACCS	BLAAMFB008CRCTRYAC	1	On Request
MFB008 CRUC TRAY WITH CRUCIBLE &LID ACCS	BLAAMFB008CRCLIDAC	1	On Request
MFB008 GLASS SPACER ACCS	BLAAMFB00810000004	2	On Request
MFB008 INSERT RACK ACCS	BLARMFB00811000000	1	On Request

Moisture Analyser **NEW PRODUCT**

- 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

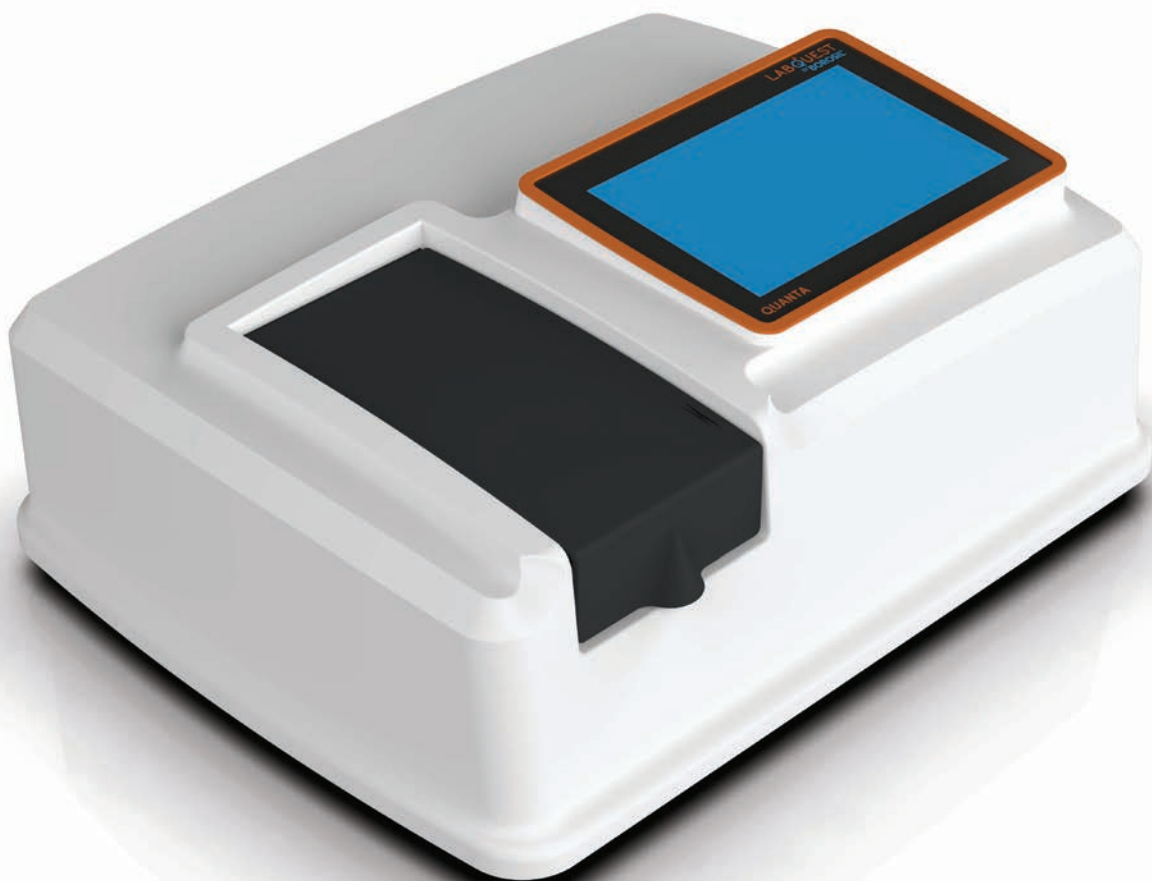
Model Name	MB63
Readability	0.001
Repeatability (Sd) for initial sample wt. = 2gm	0.10%
Repeatability (Sd) for initial sample wt. = 10gm	0.03%
Units of measurements	%M, %D, %R (Ratio), Gm/Lt, %M Atro, %D Atro
Data Storage	Last 1000 moisture determination results
Max. sample weight	60gm
Minimum sample 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	5Kg
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- 47mm	FPBGF50A0047	100	4,160
Calibration Weights	100MB63CTWF100	1	37,000
Temperature Calibration Kit	100MB63TCK0000	1	22,000

Quanta- UV Visible Spectrophotometer

NEW
PRODUCT



* Image used for representation purpose only

- Configurable scan wavelength from 0.1nm to 5nm for accurate/faster analysis
- Pre-aligned opcs allow easy lamp change
- Large sample compartment to accommodate various path length cuvettes
- Automatic changeover of wavelength with configurable wavelength
- Blazed holographic grang in Czerny-Turner mounting
- Ethernet, Wi-Fi, Bluetooth, USB Mass Storage, Email, USB through PC
- Optional Accessories of Microcell, Long path 20, 40, 50, 100 mm cell, Circular Test Tube holder, Peler based constant temperature attachment controlled via software, Variable Slit setup, Automatic Multi Cell Changer
- Optional CFR21 part 11 analysis software with server-client architecture

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 Setting	0.1nm increments	0.1nm increments
Wavelength Display Resolution (nm)	0.1nm	0.1nm
Measuring Modes	ABS, %T, CONC with custom K-Factor and multiple standards	ABS, %T, CONC with custom K-Factor and multiple standards
Wavelength Accuracy	+/-0.05nm @ 656.1nm +/-0.1nm entire range	+/-0.1nm @ 656.1nm +/-0.1nm entire range
Wavelength Repeatability	+/-0.1nm	+/-0.1nm
Wavelength Slew rate	About 29000 nm/min	About 6000 nm/min
Wavelength Scan speed (nm/min)	3600 to 2nm/min for survey of 29000nm/min	4000 to 2nm/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 220nm (NaI) Less than 0.02% at 340nm (NaNO ₂) Less than 0.5% at 198nm (KCl)	Less than 0.02% at 220nm (NaI) Less than 0.02% at 340nm (NaNO ₂) Less than 1.0% at 198nm (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
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 (one hour after light source ON)	Less than 0.0002 Abs/Hr @700 nm (one hour after light source ON)
Baseline flatness (±A)	Less than +/-0.0005 Abs (avg. points) (1100 to 190nm, one hour after light source switched ON)	Less than +/-0.0005 Abs (avg. points) (1100 to 190nm, one hour after light source switched ON)
Noise level	Less than 0.00003 Abs (700nm)	Less than 0.00005 Abs (700nm)
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 Distance between light beams :80mm	115 × 250 × 90 Distance between light beams: 80mm
Dimensions (L × B × H) mm	560 × 430 × 195	556 × 486 × 236
Power Supply	230V/50Hz	230V/50Hz
Ordering Code	100UVFIX000000	100UVVAR000000
HS Code	90273020	90273020
Weight	22Kg	24Kg
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**

- Analyze anytime, anywhere. Portable photometer for water analysis
- Primelab 2.0 for all parameter analysis eliminating work of multiple instruments
- Compatible with open chemistry
- Customized pricing as per parameters you need to test
- Cloud syncing and storage of upto 150,000 data points user and location specific



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-built 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	715g
Dimensions (W × D × H)mm	100 × 59 × 255
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 × 24mm/10ml glass-vials with lid (light-shield incorporated into the lid)
- 1 × light shield (for 16mm and 1ml vials as well as check-standards)
- 1 × 24mm vial adapter (built-in; exchangeable)
- 1 × 10.5 cm stirring rod
- 1 × 10ml 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	7,120.00
COD digestion vessels	BLMATUB100CODSGT20	5	6,340.00

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	BLFHCOD12000000000
Prices / Piece	On Request

Note : 12 nos. digestion tube provided by default with the unit

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	12L	15L	20L
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	375 × 325 × 450 mm	355 × 325 × 510 mm	550 × 350 × 450 mm
Electrical Requirements	6A	6A	9A
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	67,500.00	73,100.00	95,600.00

High Capacity Baths

Model Name	WBP024	WBP035	WBP060
Nominal Capacity	24L	35L	60L
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	650 × 350 × 150 mm	650 × 350 × 200 mm
Exterior SS304 Dimension (L × B × H)	550 × 335 × 510 mm	675 × 375 × 450 mm	675 × 375 × 475 mm
Electrical Requirements	12A	15A	20A
Power Consumption	2200W	3000W	5000W
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

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.

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.



Also available in WLS series with overhead stirring

Technical Data & Ordering Information

Model Name	WLC005	WLC012	WLC020
Nominal Capacity	5L	12L	20L
Working Temperature	Ambient +	Ambient +	Ambient +
Range	5 to 99°C	5 to 99°C	5 to 99°C
Temperature Accuracy at 37°C	±0.5°C	±0.5°C	±0.5°C
Circulation		By Convection Only	
Interior Dimension (L × B × H) in mm	300 × 152 × 150	330 × 300 × 150	500 × 300 × 150
Exterior Dimension (L × B × H) in mm	325 × 180 × 300	375 × 325 × 300	550 × 350 × 300
Power Consumption	2A, 230V, 400W	4A, 230V, 900W	9A, 230V, 1600W
HSN Code		84198990	
Ordering Code	BLFHWLC00500000000	BLFHWLC01200000000	BLFHWLC0200000000
Prices / Piece	38,200.00	46,000.00	53,500.00

Optional Accessories

Model Name	Ordering Code	Suitable For	Prices / Piece
5 L			
3 Hole SS LID Assembly	BLAHWLC005LID00003	WLC005	2,800.00
5L Polycarbonate LID Assembly	BLAHWLC005PCLID000	WLC005	4,300.00
12 L			
6 Hole SS LID Assembly	BLAHWLC012LID00006	WLC012	3,900.00
12/15 Polycarbonate LID Assembly	BLAHWLC012PCLID000	WLC012	5,100.00
20 L			
8 Hole SS LID Assembly	BLAHWLC020LID00008	WLC020	5,300.00
12 Hole SS Lid Assembly	BLAHWBA02000000012	WLC020	9,000.00
20 Ltr Polycarbonate Lid ASM	BLAHWBA020CAPP000	WLC020	7,100.00
Ball Shield Anti-evaporation Spheres (Ø37mm × 500 nos)	BLAHWLS020BALLID00	All Baths	8,200.00

* SS Gabled / Dome lid for bath are also available price on request

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 degs functions.



Technical Data & Ordering Information

Model Name	UCB025	UCB050	UCB100	UCB200
Capacity	1.5L	5L	10L	20L
Working Temperature Range	Ambient +5 °C to 80°C			
Frequency	40kHz			
Time setting	1- 99 mins			
Interior Dimension (L × B × H) in mm	150 × 140 × 100	300 × 155 × 150	300 × 240 × 150	500 × 300 × 150
Exterior Dimension (L × B × H) in mm	190 × 170 × 220	330 × 180 × 330	330 × 270 × 330	550 × 330 × 330
Ultrasonic Power	50 W	150W	200W	400W
Heater Power	100W	300W	500W	500W
HSN Code	84798999			
Ordering Code	LQLEUCB 02500000000	LQLEUCB 05000000000	LQLEUCB 10000000000	LQLEUCB 20000000000
Prices / Piece	29,600.00	45,600.00	75,100.00	97,200.00

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	750ml	3057ml
RB Flask	250ml	1000ml
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	300W	800W
HSN Code	84198990	
Ordering Code	BLFHOMC25000000000	BLFHOMC01000000000
Prices / Piece	31,000.00	36,000.00

*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	750ml	3057ml	7500ml
RB Flask	250ml	1000ml	2000ml
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	300W	800W	1500W
HSN Code	84198990		
Ordering Code	BLFHOMS25000000000	BLFHOMS01000000000	BLFHOMS02000000000
Prices / Piece	34,800.00	39,900.00	87,100.00

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 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)	1.5kW	2.5kW	3.5kW
Voltage (V)	230V	230V	230V
Dimensions (L x B x H) in mm		650 x 255 x 440	
HSN Code		84198990	
Ordering Code	BLFRSDU15000000000	BLFRSDU25000000000	BLFRSDU40000000000
Prices / Piece	45,800.00	63,900.00	71,000.00

* Inlet water TDS < 100 ppm

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 × 10 ⁻⁶	<3 × 10 ⁻⁶	<3 × 10 ⁻⁶
Power consumption (kw)	3 kW	4.4 kW	7 kW
Voltage (V)	230V	230V	230V
Dimensions (L × B × H) in mm	640 × 630 × 520		
HSN Code	84198990		
Ordering Code	BLFRDDU150000000000	BLFRDDU250000000000	BLFRDDU400000000000
Prices / Piece	72,400.00	1,17,400.00	1,27,700.00

* Inlet water TDS < 100 ppm

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 Double Distillation Unit

On Demand Double Distillation Unit (DDU)

Double Stage Quartz 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	QDD250
Type	Benchtop - Open
Capacity Distilled water Output	2.5LPH
Minimum cooling water requirement (Ltr/min)	1.5
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Distillation Temperature	65 - 75°C
Conductivity S/cm*	<1 × 10 ⁻⁶
Power consumption (kw)	5.5kW
Voltage (V)	230-250 V
Dry Run Protection	Yes
Dimensions in mm (W × D × H)	650 × 630 × 520
On Demand Output	Yes
Order Code	BLFRQDD25000000000
HSN Code	84194090
Prices / Piece	2,48,000.00

* Inlet water TDS < 100 ppm

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.

Quartz Cabinet

**NEW
PRODUCT**

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	2.5LPH
Minimum cooling water requirement (Ltr/min)	2
Dimensions (L*B*H) along with reservoir	730 × 730 × 1020
Heater	Quartz
Boiler	Quartz
Condensor	Quartz
Biological Activity	Pyrogen Free
Conductivity S/cm*	<1 × 10 ⁻⁶
Power consumption (kw)	4.4kW
Voltage (V)	230 V
Dry Run Protection	Yes
On Demand Output	Yes
Storage Mode	Yes
Auto Filling Reservoir	Yes
Dispense rate (ml/min)	900ml
Order Code	BLFRQCD25000000000
HSN Code	84194090
Prices / Piece	2,87,900.00

*1 Inlet water TDS < 100 ppm

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	10LPH	2.5LPH	5LPH
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	4.4kW	8.8 kW	2.2 kW	4.4 kW
Voltage (V)	230V	230V	440V - 3Phase	230V	230V
HSN Code	841940901				
Ordering Code	BT533363042	BT533363033	BT533363038	BT533364042	BT533364033
Model Prices / Piece	45,300.00	85,800.00	1,96,000	78,200.00	1,50,000.00
Accessory - DAPS Code	3366342	3366333	3366338	3366442	3366433
DAPS Prices / Piece	15,700.00	17,530.00	32,470.00	15,700.00	17,420.00

* Inlet water TDS < 100 ppm

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 × 10 ⁻⁶	<1 × 10 ⁻⁶	<1 × 10 ⁻⁶
Power consumption (kw)	3 kW	4.4kW	8.8 kW
Voltage (V)	230V	230V	440V - 3Phase
HSN Code		84194090	
Ordering Code	BT533365041	BT533365042	BT533365033
Model Prices / Piece	1,30,100.00	2,28,800.00	4,07,200.00
Accessory - DAPS	3366541	3366542	3366533
DAPS Prices / Piece	16,670.00	17,420.00	32,900.00

* Inlet water TDS < 100 ppm

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
BLA0CRH12KW15LHQRT	Ceramic Heater_Quartz tube-1.5L Accs
BLA0CRH02KW25LHQRT	Ceramic Heater_Quartz tube-2.5L Accs
BLA0CRH03KW04LHQRT	Ceramic Heater_Quartz tube-4L Accs
BLAPSDU1500BOIL000	WDU 1.5LTR BOILER ACCS
BLAPSDU2500BOIL000	WDU 2.5LTR BOILER ACCS
BLAPSDU4000BOIL000	WDU 4.0LTR BOILER ACCS
BLAPSDU1500CON0000	1.5 LTR CONDENSER ACCS
BLAPSDU2500CON0000	2.5 LTR CONDENSER ACCS
BLAPSDU4000CON0000	4.0 LTR CONDENSER ACCS
BT603367000	Water Softner

Mono Quartz Units Spares

Product Code	Description
363012	Quartz Boiler 2.5LPH
363032	Quartz Boiler 5LPH
363502	Quartz Boiler 10LPH
362022	Borosilicate Condenser 2.5LPH
0363S00	Borosilicate Condenser 5LPH
0363S03	Borosilicate Condenser 10LPH
364023	Quartz Condenser 2.5LPH
364501	Quartz Condenser 5LPH

All Quartz Double Distillation Spares

Product Code	Description
362013	Primary Quartz Boiler 1.5LPH
362014	Primary Quartz Boiler 2.5LPH
0362S04	Primary Quartz Boiler 5LPH
362015	Quartz Secondary Boiler - Condenser 1.5LPH
362016	Quartz Secondary Boiler - Condenser 2.5LPH
0363S05	Quartz Secondary Boiler - Condenser 5LPH
362063	Receiving Adapter with Spring
362052	Silicon "O" Ring

All Glass Manual Units

Product Code	Description
336011	Borosilicate Boiler with Water Leveller 1.5LPH
336031	Borosilicate Boiler with Water Leveller 2.5LPH
336021	Borosilicate Boiler with Water Leveller 4.0LPH
0336012R	Primary Quartz Heater (RED) 1.5LPH
0336013R	Primary Quartz Heater (RED) 2.5LPH
0336022R	Primary Quartz Heater (RED) 4.0LPH
0336012B	Secondary Quartz Heater (Blue) 1.5LPH
0336013B	Secondary Quartz Heater (Blue) 2.5LPH
0336022B	Secondary Quartz Heater (Blue) 4.0LPH
361021	Condenser for Unit 1.5LPH
361041	Condenser for Unit 2.5LPH
362021	Condenser for Unit 4.0LPH

Overhead Stirrer **NEW PRODUCT**

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]	20L	25L	40L	50L	75L	100L
Speed range [rpm]	50-1000	50-2000	50-1000	60-2000	60-2000	60-1300
Max Torque [N-cm]	15Ncm	20Ncm	40Ncm	50Ncm	75Ncm	100Ncm
Max Viscosity	8000mPas	10000mPas	30000mPas	30000mPas	50000mPas	70000mPas
Motor	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Power	24V/36W	24V/36W	24V/36W	24V/72W	24V/72W	24V/72W
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	IP42	IP42
Chuck range diameter [mm]	1-10mm	1-10mm	1-10mm	1-10mm	1-10mm	1-10mm
Timer	1-99min OR Continuous					
Dimensions (L x W x H) [mm]	176X173X79	176X173X79	176X173X79	102X242X249	102X242X249	102X242X249
Weight [kg]	1.7kg	1.7kg	1.7kg	5kg	5kg	5kg
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	29,000.00
OHS20 20Ncm 25L 2000RPM 10000mPas	LQLEOHS020025PR000	40,700.00
OHS40 40Ncm 40L 1000RPM 30000mPas	LQLEOHS040040PR000	42,600.00
OHS50 50Ncm 50L 2000RPM 30000mPas	LQLEOHS050050E0000	66,400.00
OHS75 75Ncm 75L 2000RPM 50000mPas	LQLEOHS075075E0000	70,300.00
OHS100 100Ncm 100L 1300RPM 70000mPas	LQLEOHS100100E0000	72,800.00

* 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		2200.00
Propeller Impeller (100X15X550 mm)Axial	LQLEOHA10015550PIO	Axial	100	800	0-20000		3800.00
Propeller Impeller (130X15X800 mm)Axial	LQLEOHA13015800PIO	Axial	130	800	0-30000		5300.00
CrossWelded Impeller (50X12X550mm)Radial	LQLEOHA5012550CWIO	Radial	50	2000	0-10000		3200.00
StraightB Impeller (35X12X550mm)Radial	LQLEOHA3512550SBIO	Radial	35	2000	0-10000		2900.00
StraightB Impeller (50X12X550mm)Radial	LQLEOHA5012550SBIO	Radial	50	2000	0-10000		3600.00
PivotingB Impeller (60X15X550mm)Radial	LQLEOHA6015550PBIO	Radial	60	1800	0-10000		3800.00
CollapsibleB Impeller (80X10X550mm)Radial	LQLEOHA8010550CBI1	Radial	80	1500	0-10000		3400.00

Description	Item code	Flow Type	Dia	Max RPM	Viscosity Range	Blade Type	Price/pc
SquareB Impeller(38X38X550mm) Tangential	LQLEOHA3838550SB11	Tangential	38	1000	0-30000		3900.00
SquareB Impeller (70X70X800mm)Tangential	LQLEOHA7070800SB11	Tangential	70	600	0-50000		5100.00
AnchorB Impeller (45X45X550mm)Tangential	LQLEOHA4545500AB10	Tangential	45	800	0-100000		3800.00
AnchorB Impeller (90X80X800mm)Tangential	LQLEOHA9080800AB10	Tangential	90	600	0-100000		5400.00
PaddleB Impeller (70X70X550 mm)Tangential	LQLEOHA7070550PB10	Tangential	70	800	0-100000		4900.00
PaddleB Impeller (70X70X800 mm)Tangential	LQLEOHA7070800PB10	Tangential	70	600	0-100000		5800.00
PaddleB Impeller (70X80X550 mm)Tangential	LQLEOHA7080550PB10	Tangential	70	800	0-100000		4900.00
PaddleB Impeller (70X80X800 mm)Tangential	LQLEOHA7080800PB10	Tangential	70	600	0-100000		5800.00

Stands / Clamps / Chuck

Description	Item code	Price/pc
PlateStand 220X320 mm Rod560mm 5L	LQLEOHA2232560PS01	10800.00
PlateStand 220X320 mm Rod800mm 5L	LQLEOHA2232800PS02	11700.00
PlateStand 220X320 mm Rod1000mm 5L	LQLEOHA2232100PS03	12700.00
Bosshead Clamp for Plate Stand PROHS	LQLEOHA00001BHCPR0	4200.00
Bosshead Clamp for Plate/H stand PR OHS	LQLEOHA00001BHCPR1	4000.00
Only H Stand 500x 450x 1020mm	LQLEOHA5045102HS01	25000.00
Bosshead Clamp for H-Stand	LQLEOHA00001BHCH01	5000.00
OHS Key Chuck	LQLEOHA00000OHKC001	6200.00
OHS Keyless Chuck	LQLEOHA00000OHKC002	7600.00
OHS Collet Chuck	LQLEOHA00000OHKC003	1000.00
OHS Chuck Cover	LQLEOHA00000OHKC004	200.00

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	HLS200	MHPS550P Premier
Stirring Position	1	1
Max Capacity	2L	20L
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 +5 °C - 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	Ceramic
Power Consumption	2Å, 230V, 325W	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	260 × 190 × 155	313 × 212 × 110
Protection Class	IP21	IP21
Supplied with	PT100 Probe only	PT1000 Probe & Stand
HSN Code	84798200	
Ordering Code	BLFHLS200000000000	100MHPS010550P
Prices / Piece	15,230.00	57,500.00

Optional Accessories

Description	Ordering Code	Suitable for
PT100 DIN Connector	BLA0DIN00MX0005PIN	HLS200
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

**NEW
PRODUCT**

Labquest hot plate stirrer 'SRS005' can be paired with parallel reaction stations designed to increase productivity, save space and reduce costs. These parallel reaction assemblies are useful in applications such as heating, cooling, condensing, work up, evaporation, inerting, filtration, heating, parallel synthesis, polymer research, process development, refluxing and stirring.



* Stand not included in package

Technical Data & Ordering Information

Model Name	SRS005
Stirring Positions	1
Max Capacity	5 L
Max Speed for H ₂ O	2000
Timer	upto 999 min or Continuous Mode
Plate Temperatures upto °C	350 °C
Temperature Accuracy	Operation with external temperature measuring sensor Pt1000: ± 0.2 K
Safe Temperature Setting	Yes
Hot Indicator when Plate is above 50 °C	Yes
Pulse Mode	NA
Display	3 × 4 Digit Seven Segment Display
Temperature Increments	Yes
Stirring RPM Increments	Yes
Top Plate Material	Stainless Steel
MOC Body	Aluminium
Power Consumption	2 kW
Magnetic Bar	Yes
Top Plate Dimensions	∅168 mm
Safety Warning for Plate Temp above 50 °C	Yes
IP Protection Class	IP21
Supplied with Probe Specs	PT1000 Probe
Drive	BLDC motor 28 watts
Rotation speed range	100 – 1500 rpm
Heating power	1000 watts @ 230 V
Temperature range	RT – 350 °C, setting accuracy 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	BLFHRS00500000000*
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	70Kgs
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	0.3 A	0.5 A	
Motor rating output	30W	60W	
HSN Code	90278090		
Ordering Code	BLFHMG02000000000	BLFHMG05000000000	BLFHMG20000000000
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.



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 × 250ml	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	450W	450W	800W
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	55,400.00	77,100.00	1,12,600.00



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 5L	800ml	4 × 400ml	10L	50L
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	25mm	25mm	25mm	25, 35, 50, 60	25, 35, 50, 60
Top Plate Dimensions (L × B) in mm	189 × 208	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	BLFHMG5 00100000000	100MS0 00115000	100MS0 00412000	BLFHML S01000000000	BLFHML S05000000000
Prices / Piece	9,980.00	15,900.00	31,700.00	38,100.00	59,000.00

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.



Technical Data & Ordering Information

Model Name	HPL020	HPL030	HPL400
Max Capacity - Beaker	500ml Beaker × 12 pc	500ml Beaker × 18 pc	2L Beaker
Max Plate Temperature		up to 300°C	
Timer		Digital Timer	
Display		LED Display	
Plate Material	Aluminium	Aluminium	SS 304 Top Plate
Power Consumption	2000W	3000W	400W
Top Plate Dimensions (L × B)mm	300 × 450	450 × 600	155 × 150
Product Dimensions (L × B × H) mm	300 × 450 × 200	450 × 600 × 200	260 × 190 × 155
HSN Code		84798200	
Ordering Code	BLFHHPLO2000000000	BLFHHPLO3000000000	BLFHHPLO4000000000
Prices / Piece	61,430.00	74,240.00	9,980.00

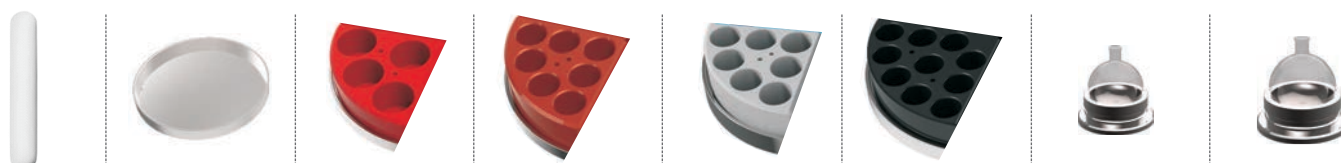
Laboratory Stirrer Accessories

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: 8mm × 25mm	100MSA0BL08025	10	4,400.00
Accessory Stir Bar D: 8mm × 35mm	100MSA0BL08035	10	4,700.00
Accessory Stir Bar D: 12mm × 50mm	100MSA0BL12050	10	13,600.00
Accessory Stir Bar D: 13mm × 60mm	100MSA0BL13060	1	2,000.00
Aluminium Blocks Organiser Carry Plate	BLAHHPA00QP000000	1	5,750.00
Aluminium Quarter Block 4 × 20 ml	BLAHHPA00QB200000	1	4,600.00
Aluminium Quarter Block 4 × 30 ml	BLAHHPA00QB300000	1	7,200.00
Aluminium Quarter Block 7 × 16 ml	BLAHHPA00QB160000	1	5,180.00
Aluminium Quarter Block 10 × 8 ml	BLAHHPA00QB080000	1	5,640.00
Aluminium Quarter Block 12 × 4 ml	BLAHHPA00QB040000	1	5,640.00
Aluminium Reaction Block RB 50 ml	BLAHHPA00RB050000	1	8,510.00
Aluminium Reaction Block RB 100 ml	BLAHHPA00RB100000	1	8,510.00
Aluminium Reaction Block RB 250 ml	BLAHHPA00RB200000	1	8,510.00
Aluminium Reaction Block RB 500 ml	BLAHHPA00RB500000	1	8,510.00
PT1000 Probe	100MHPS01PT100	11	8,668.00
Probe Stand	100MHPS01PS000	1	2,200.00

Heating Mantles

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

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.



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	MS	MS
Body Construction	MS	MS	MS
Product Dimensions (L x B x H) mm	310 x 330 x 160	310 x 330 x 160	310 x 330 x 160
Stage wise Heating Modes	Yes	Yes	Yes
External Temperature Probe	PT 100		
HSN Code	84198990		
Ordering Code	BLFHGMC25000000000	BLFHGMC50000000000	BLFHGMC01000000000
Prices / Piece	9,500.00	10,100.00	10,800.00

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	2.5Å, 450W	3Å, 600W	6Å, 1200W
Display	LED Display with Temperature, Time and Process Status		
Top Plate Material	SS	SS	SS
Body Construction	MS	MS	MS
Product Dimensions (L x B x H) mm	263 x 355 x 136	320 x 320 x 260	450 x 603 x 215
Stage wise Heating Modes	Yes	Yes	Yes
External Temperature Probe	PT 100		
HSN Code	84198990		
Ordering Code	BLFHMC02000000000	BLFHMC05000000000	BLFHMC01100000000
Prices / Piece	31,400.00	43,800.00	84,300.00

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
Temperature Range	Ambient +5°C to 350°C	Ambient +5°C to 350°C
Temperature Control	PID with digital energy regulator	PID with 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	69,600.00	69,600.00

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, 200W	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	26,040.00	27,200.00	33,200.00	35,070.00

*PRM Capacities 5L & 10 L available on request

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	250ml	500ml	1000ml
Number of Necks*	1CN, 4SN		
Heating Bath Volume	5L		
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	100-1000ml	100-1000ml	100-1000ml
Stirring Speed(rpm)	50-1000rpm		
impeller	PTFE coated centrifugal	PTFE coated centrifugal	PTFE coated centrifugal
Stirring Power	24W	24W	24W
Agitator	Centrifugal desgin BLDC, SS304 coated with reinforced PTEE Shaft Dia8mm X350mm Ht		
Power	1kW, 230V 50Hz		
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	BLFHMLR25000000000	BLFHMLR50000000000	BLFHMLR01000000000
HSN	84198990		

* RB Standard Neck sizes Applicable

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

Recirculating Chillers

Labquest state-of-the-art Chillers ensure accurate 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, coliform determinations, sample thawing, bacteriological examinations, microbiological assays, cell cultivation, vacuum systems, and even analytical instruments.

Recirculating Chiller

Technical Data & Ordering Information

Model Name	CHL175	CHL500	CHL010	CHL020
Tank capacity	5 L	7.5 L	10 L	20L
Tank size (L × B × H) mm	325 × 176 × 150	325 × 265 × 150	325 × 265 × 200	375X300X250
Overall Dimensions (L × B × H) mm	508 × 257 × 596	594 × 327 × 596	594 × 396 × 723	700X550X700
Cooling capacity	175 W	500 W	1000 W	2000W
Pump flow rate	12.5 LPM	12.5 LPM	12.15 LPM	15LPM
Display	LED	LED	LED	LED
Temperature stability	± 1.0 °C	± 1.0 °C	± 1.0 °C	± 1.0 °C
Temperature range	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C
Castor Wheels for Mobility	NA	Yes	Yes	Yes
HSN Code	84798999			
Ordering Code	BLFRCHL17500000000	BLFRCHL50000000000	BLFRCHL01000000000	BLFRCHL02000000000
Prices / Piece	On Request	On Request	On Request	On Request

Recirculating Heater / Chiller

Technical Data & Ordering Information

Model Name	CTR175	CTR500	CTR010
Tank capacity	5 L	7.5 L	10 L
Tank size (L × B × H) mm	325 × 176 × 150	325 × 265 × 150	325 × 265 × 200
Overall Dimensions (L × B × H) mm	508 × 257 × 596	594 × 327 × 596	594 × 396 × 723
Cooling capacity	175 W	500 W	1000 W
Pump flow rate	12.5 LPM	12.5 LPM	12.5 LPM
Heater Capacity	1200 W	1200 W	1200 W
Display	LED	LED	LED
Temperature stability	± 1.0 °C	± 1.0 °C	± 1.0 °C
Temperature range	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C	-10 °C to ambient -5 °C
Castor Wheels for Mobility	NA	YES	YES
HSN Code	84798999		
Ordering Code	BLFRCTR17500000000	BLFRCTR50000000000	BLFRCTR01000000000
Prices / Piece	On Request	On Request	On Request

Vacuum Pump (Oil-free) NEW PRODUCT

- 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	100 mbar	100 mbar	100 mbar
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	32,600.00	52,500.00	65,000.00

* 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.

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
- 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
Power (V / Hz)	220V / 50Hz	220V / 50Hz
Max. Vacuum	101 mbar	120 mbar
Max. flow rate	22 L / min	34 L / min
Motor rotation	1450 rpm	1450 rpm
Outlet Port thread	10 mm	10 mm
Vacuum Stage	Single	Single
Noise level	50 dB	50 dB
Weight	6 kg	8.5 kg
Dimension (W × D × H)	233 × 110 × 210	294 × 156 × 195
Electrical Requirement	0.5	0.5
Power Consumption	60	95
Ordering Information	100VPC30022	100VPC40034
Prices / Piece	On Request	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	23,900.00

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)	2000g
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 / 0.5ml Microtubes
HSN Code	84211999
Ordering Code	100MCF00800VT0
Prices / Piece	14,440.00

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)	15596g
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 0.2ml Microtubes Reduction adaptor for 0.4ml / 0.5ml Microtubes
HSN Code	84211999
Ordering Code	100MCF01200VT0
Prices / Piece	54,870.00

Optional Accessories

Description	Ordering Code	Prices / Piece
12 × 1.5/2 ml Angle Rotor	10000MC1202MLF	10,240.00
PCR Strip Rotor (2 × 8 × 0.2 ml)	10000MC0208MLS	16,740.00

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 **NEW PRODUCT**

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 × 1.5/2ml 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	17040g
Display	Large digital display
Motor Type	Brushless DC motor
Lid Lock Safety	Yes
Noise level	<60dB
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/ 2ml microtube rotor Reduction adapter for 0.1/0.2/0.5 ml microtubes.
HSN Code	8421999
Ordering Code	100MCF00240VT0
Prices / Piece	81,900.00

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	84211999
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	26,460.00
Microtubes Rotor (44 × 1.5 / 2 ml) (22388 × g)	100CLMC4402MLF	35,820.00
Angal Rotor 8 × 5 ml (18461 × g)	100CLMC0805MLF	38,830.00
PCR Strip Rotor (4 × 8 × 0.2 ml) (15397 × g)	100CLMC4802MLS	39,720.00

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
			0.1ml 0.2ml						0.1ml 0.2ml		
Max. Speed	15000	15000	15000	15000	15000	Max. Speed	15000	15000	15000	15000	15000
Max. RCF x g	21420	18842	16103	16930	15397	Max. RCF x g	22388	19810	17070	17898	18461

Clinical Centrifuge

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



Technical Data & Ordering Information

Model Name	DCF6VT
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/7ml Blood collection tube
HSN Code	84211999
Ordering Code*	100DCF00600VT0
Prices / Piece	51,820.00

* 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 (1950g)	100CCFA0815MLF	17,300.00

Clinical Centrifuge **NEW PRODUCT**

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



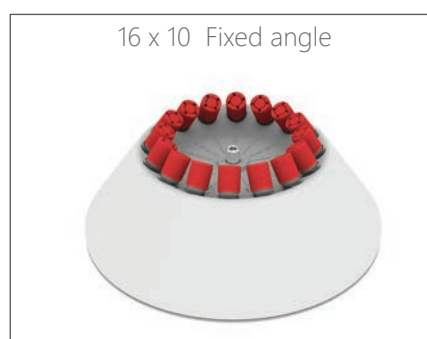
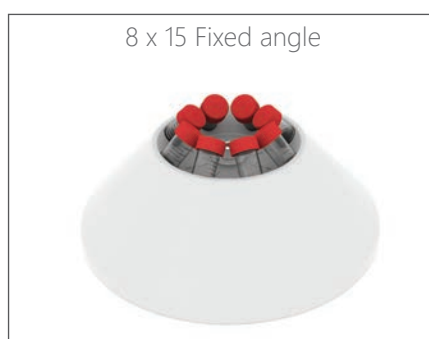
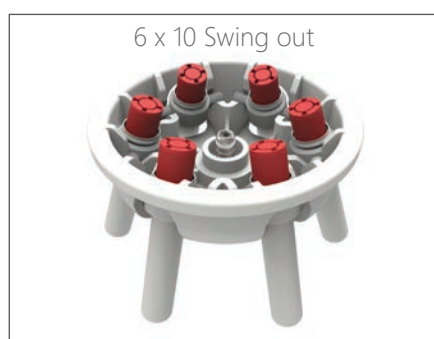
Technical Data & Ordering Information

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
Cooling Temperature	5-40° C
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	84211999
Ordering Code	100CCD00400VT0
Price / Piece	60,700.00

*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	6,100.00
Fixed angle rotor 8 × 15 ml	100CCD0815MLF	4000	1950 g	6,100.00
Fixed angle rotor 16 × 10 ml	100CCD1610MLF	4000	2180 g	8,900.00



Clinical Centrifuge **NEW PRODUCT**

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	27,600.00

*Rotor supplied as standard accessory



Clinical Centrifuge **NEW PRODUCT**

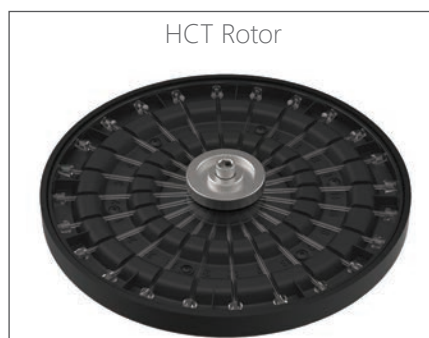
Clinical Centrifuge crafted for hematocrit application. The innovative HCT rotor combined with a screw on top lid, not only enhances operational ease but also provides superior protection against contamination.



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 5.6A / 132W
Weight	4.5 Kgs
HSN Code	84211999
Ordering Code	100CCH12000VT0
Price / Piece	65,800.00

*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	84211999
Ordering Code	100CCD04504VT0
Prices / Piece	33,130.00

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	76,410.00

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	24,900.00
Swing Out Rotor 16 × 15ml	100UC1A1615MLS	4500	3485 g	13,590.00
Swing Out Rotor 12 × 15ml	100UC1A1215MLS	4500	3485 g	12,130.00
Swing Out Rotor 8 × 15ml	100UC1A0815MLS	4500	3340 g	7,650.00
Swing Out Rotor 4 × 50ml	100UC1A0450MLS	4500	3485 g	8,990.00
Swing Out Rotor 4 × 100ml (with lid)	100UC1A0401LMS	4500	3164 g	33,520.00
Swing Out Rotor 2 Micro plates	100UC1A0002MPS	4500	2355 g	37,800.00
Fixed Angle Rotor 16 × 15ml	100UC1A1615MLF	4500	3144 g	12,130.00
Fixed Angle Rotor 12 × 15ml	100UC1A1215MLF	4500	3144 g	10,590.00
Fixed Angle Rotor 6 × 50ml	100UC1A0650MLF	4500	2644 g	8,680.00
Fixed Angle Rotor 4 × 50ml	100UC1A0450MLF	4500	2644 g	8,100.00
Fixed Angle Rotor 4 × 100ml	100UC1A0401MLF	4500	2599 g	16,960.00
Fixed Angle Rotor 24 × 15ml	100UC1A2415MLF	4500	2854 g	20,350.00

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	1,07,090.00

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	24,960.00
Swing Out Rotor 16 × 15ml	100UC2A1615MLS	4200	2884 g	13,480.00
Swing Out Rotor 4 × 50ml	100UC2A0450MLS	4200	2884 g	18,840.00
Swing Out Rotor 4 × 100 ml	100UC2A0401MLS	4200	2766 g	17,300.00
Swing Out Rotor 4 × 100ml (with lid)	100UC2A0401LMS	4200	2884 g	30,520.00
Swing Out Rotor 4 × 250 ml	100UC2A0402MLS	4200	3181 g	54,100.00
Swing Out Rotor 64 × 6 ml	100UC2A6406MLS	4200	3181 g	51,870.00
Swing Out Rotor 2 Micro plates	100UC2A0002MPS	4200	2074 g	37,800.00
Fixed Angle Rotor 16 × 15ml	100UC2A1615MLF	4200	2410 g	12,130.00
Fixed Angle Rotor 6 × 50ml	100UC2A0650MLF	4200	2410 g	8,100.00
Fixed Angle Rotor 4 × 50ml	100UC2A0450MLF	4200	2331 g	8,100.00
Fixed Angle Rotor 4 × 100ml	100UC2A0401MLF	4200	2272 g	16,960.00
Fixed Angle Rotor 24 × 15ml	100UC2A2415MLF	4200	2489 g	20,350.00

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	22388g
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	475x585x325
Weight	23 kg (without rotor)
HSN Code	84211999
Ordering Code	100ULC1504VT00
Prices / Piece	1,32,900.00

* 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	20,880.00
Swing Out Rotor 4 × 50 ml	100aUC3A0450MLS	4500	3305 g	17,540.00
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g	16,980.00
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g	36,200.00
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g	25,820.00
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g	29,400.00
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g	24,960.00
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g	19,390.00
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g	17,930.00
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g	25,200.00
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g	17,930.00
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g	30,510.00
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g	38,290.00
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g	39,900.00
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g	35,390.00

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	84211999
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	20,880.00
Swing Out Rotor 4 × 50 ml	100aUC3A0450MLS	4500	3305 g	17,540.00
Swing Out Rotor 4 × 100 ml	100UC3A0401MLS	4500	3305 g	16,980.00
Swing Out Rotor 2 Micro plates	100UC3A0002MPS	4500	2377 g	36,200.00
Swing Out Rotor 32 × 06 ml	100UC3A3206MLS	4500	3164 g	25,820.00
Swing Out Rotor 4 × 100 ml (with lid)	100UC3A0401LMS	4500	3164 g	29,400.00
Fixed Angle Rotor 16 × 15 ml	100UC3A1615MLF	6000	4910 g	24,960.00
Fixed Angle Rotor 6 × 50 ml	100UC3A0650MLF	6000	4910 g	19,390.00
Fixed Angle Rotor 4 × 50 ml	100UC3A0450MLF	6000	4750 g	17,930.00
Fixed Angle Rotor 24 × 15 ml	100UC3A2415MLF	6000	5070 g	25,200.00
Fixed Angle Rotor 4 × 100 ml	100UC3A0401MLF	6000	4628 g	17,930.00
Fixed Angle Rotor 24 × 2 ml	100UC3A2402MLF	15000	21420 g	30,510.00
Fixed Angle Rotor 44 × 2 ml	100UC3A4402MLF	15000	22388 g	38,290.00
Fixed Angle Rotor 4 × 8 × 0.2 ml PCR	100UC3A4802MLF	15000	15397 g	39,900.00
Fixed Angle Rotor 8 × 5 ml	100UC3A0805MLF	15000	18461 g	35,390.00

Dry Baths

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



*Representative image Dry Bath LBH010 is supplied without aluminum block

Technical Data & Ordering Information

Model Name	LBH010
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	200W
Current Consumption	1A
HSN Code	841989900
Ordering Code	BLFHLBH01000000000
Prices / Piece	22,680.00

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



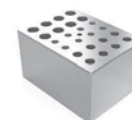
For 0.5 ml tube, 24 wells,
φ8.0mm, depth 25mm
BLAALBH0MW2406W004



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



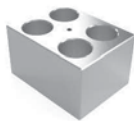
Versatile multi well block for 8 wells of 0.2ml tube, 8 wells of 0.5ml tube, and 8 wells of 2.0ml or 1.5ml tube
BLAALBHVW008W004



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	11,550.00
LBH010 ALU Block - 6 × 4 Well, 0.5 ml Tube	BLAALBH0MW2406W004	11,550.00
LBH010 ALU Block - 4 × 4 Well, 1.5 / 2.0 ml Tube	BLAALBH0MW1604W004	11,550.00
LBH010 ALU Block - Multi Versatile Well - 8 Wells	BLAALBHVW008W004	11,550.00
LBH010 ALU Block - 4 × 3 Well, 15 ml Tube	BLAALBH0MW1204W004	11,550.00
LBH010 ALU Block - 2 × 2 Well, 50 ml Tube	BLAALBH0MW0402W004	11,550.00
LBH010 ALU Bead Bath / Water bath block (w/o beads)	BLAALBH0MW000BB004	15,440.00
LBH010 ALU FLAT 96 well plate block	BLAALBH0MW0096W004	17,640.00

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	25L
Weight	6.5 kgs
Power Consumption	240V
HSN Code	84198990
Ordering Code	100INCH0025000
Prices / Piece	73,050.00

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	18,200.00

High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion



Technical Data & Ordering Information

Model Name	7500S
Type of movement	Orbital / Linear
Orbital diameter in mm	10
Speed range in rpm	50-500 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	90,970.00

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	9,960.00
Base plate with 9 plastic clamps : 9 × 250 ml	100S02509BPP75	9,930.00
Base plate with 9 plastic clamps : 9 × 500 ml	100S05009BPP75	10,700.00
Base plate with 9 Stainless steel clamps : 9 × 100 ml	100S01009BPS75	12,130.00
Base plate with 9 Stainless steel clamps : 9 × 250 ml	100S02509BPS75	12,500.00
Base plate with 9 Stainless steel clamps : 9 × 500 ml	100S05009BPS75	15,050.00
Stainless steel Clamp for 100 ml flask	100S01001SSC00	780.00
Stainless steel Clamp for 150 ml flask	100S01501SSC00	780.00
Stainless steel Clamp for 250 ml flask	100S02501SSC00	780.00
Stainless steel Clamp for 500 ml flask	100S05001SSC00	1,440.00
Stainless steel Clamp for 1000 ml flask	100S10001SSC00	2,780.00
Funnel Attachment	100S00000FA075	12,870.00

High Capacity Orbital Shaker

Platform Shaker with true orbital & linear reciprocating motion



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 7.5 Kg

Description	Ordering Code	Prices / Piece ₹
Universal Platform for 44 × 100 ml, 36 × 250 ml, 25 × 500 ml, 13 × 1000 ml	100S00UP150000	54,140.00
Base Plate for Plastic Clamps for 24 × 250 ml, 24 × 250 ml	100S0BPC150015	35,840.00
Plastic Clamp 1 No 250 ml	100S02501PC015	970.00
Plastic Clamp 1 No 500 ml	100S05001PC015	1,220.00
Base Plate for SS Clamps 24 × 100 ml, 24 × 150 ml, 24 × 250 ml	100S0BSC250015	32,200.00
SS Clamp 1 No, 100 ml	100S01001SC015	1,230.00
SS Clamp 1 No, 150 ml	100S01501SC015	1,510.00
SS Clamp 1 No, 250 ml	100S02501SC015	1,510.00
Base Plate for SS Clamps 24 × 500 ml, 8 × 1000 ml	100S0BSC100015	32,200.00
SS Clamp 1 No 500 ml	100S05001SC015	2,100.00
SS Clamp 1 No 1000 ml	100S10001SC015	2,430.00

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	37,050.00

Vortexers




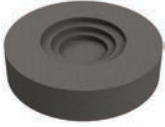


The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of laboratory



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	10,500.00

Optional Accessories for BHRMI 1.0

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

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




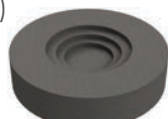


The compact and new-age designed vortex mixer is capable of meeting the mixing requirements of Laboratory



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	14,400.00

Optional Accessories for BHRMI 1.0

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

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	60W
Power Supply	AC 100-240V, 50/60Hz
	Foam insert for 07ml × 60 Tubes / Foam insert for 15ml × 45 Tubes
	Foam insert for 50ml × 18 Tubes
HSN Code	84798200
Ordering Code	BLFHMTV01200000000
Prices / Piece	On Request

Optional Accessories for Multitube Vortexer



Description	Ordering Code	Prices / Piece ₹
50ML TUBE HOLDING FOAM	BLA0FOAMMTV0000003	3,310.00
15ML TUBE HOLDING FOAM	BLA0FOAMMTV0000004	3,310.00
7ML TUBE HOLDING FOAM	BLA0FOAMMTV0000005	3,310.00
250ml CONICAL FLASK HOLDING FOAM*	BLA0FOAMMTV0000006	3,310.00
100ml VOLUMETRIC FLASK HOLDING FOAM*	BLA0FOAMMTV0000007	3,310.00

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



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	15,000.00
BLFLLH002011005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01	15,000.00
BLFLLH002011016D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02	15,000.00
BLFLLH002011020D00	2.5 - 25.0	0.5	0.6	0.18	0.2	0.06	21,700.00
BLFLLH002011040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.12	21,700.00
BLFLLH002011100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2	25,900.00

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	24,900.00
BLFLLH002012005D00	0.5 - 5.0	0.1	0.6	0.03	0.2	0.01	24,900.00
BLFLLH002012016D00	1.0 - 10.0	0.2	0.6	0.06	0.2	0.02	24,900.00
BLFLLH002012020D00	2.5 - 25.0	0.5	0.6	0.18	0.2	0.06	33,100.00
BLFLLH002012040D00	5.0 - 50.0	1	0.6	0.36	0.2	0.12	35,300.00
BLFLLH002012100D00	10.0 - 100.0	2	0.6	0.6	0.2	0.2	50,900.00



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	1,18,000.00

Accessories

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

e- Dispenser NEW PRODUCT

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

- Dual functionality: One Instrument for dispensing and titration
- 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
Titration Display Increment (ml)	0.01
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	15,750.00
LHC17111002	2	2.5	1.8	15,750.00
LHC17111005	5	1.2	0.8	15,750.00
LHC17111006	10	1.0	0.5	15,750.00
LHC17111008	20	1.0	0.3	15,750.00
LHC17111009	25	0.8	0.4	15,750.00
LHC17111010	30	1.2	0.4	15,750.00
LHC17111012	50	1.0	0.3	15,750.00
LHC17111016	100	0.7	0.2	15,750.00
LHC17111020	200	0.6	0.2	15,750.00
LHC17111021	250	2.0	0.6	15,750.00
LHC17111024	500	0.8	0.2	15,750.00
LHC17111029	1000	0.8	0.2	15,750.00
LHC17111030	2000	1.2	0.3	15,750.00
LHC17111033	5000	0.6	0.2	15,750.00
LHC17111038	10000	0.6	0.2	15,750.00
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	20,160.00
LHC17112005	0.5-10	0.10	1.0	0.50	20,160.00
LHC17112008	2-20	0.20	1.0	0.30	20,160.00
LHC17112016	5-50	0.50	1.0	0.30	20,160.00
LHC17112020	10-100	1.00	0.7	0.20	20,160.00
LHC17112024	20-200	2.00	0.6	0.20	20,160.00
LHC17112029	100-1000	10.00	0.8	0.20	20,160.00
LHC17112033	1000-5000	50.00	0.6	0.15	20,160.00
LHC17112038	1000-10000	20.00	0.6	0.15	20,160.00
HSN Code	84798200				

Optional Accessories

Description	Product Code	Qty/Pack	Prices / Piece ₹
C1 Fixed Vol Knob	On Request	1	2,630.00
C1 Variable Vol Knob	On Request	1	4,310.00

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	34,280.00
LHC17113002	2-20	0.2	2.00	1.00	34,280.00
LHC17113009	5-50	0.5	1.40	0.60	34,280.00
LHC17113016	10-100	1	1.30	0.50	34,280.00
LHC17113020	20-200	2	1.20	0.40	34,280.00
LHC17113022	30-300*	2	1.40	0.30	34,280.00
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	38,140.00
LHC17114002	2-20	0.2	2.00	1.00	38,140.00
LHC17114009	5-50	0.5	1.40	0.60	38,140.00
LHC17114016	10-100	1.0	1.30	0.50	38,140.00
LHC17114020	20-200	2.0	1.20	0.40	38,140.00
LHC17114022	30-300*	2.0	1.40	0.30	38,140.00
HSN Code	90318000				

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

Technical Data & Ordering Information -

Model Name	Description	Prices / Piece ₹
LHC07009006	Micropipette stand for 6 Single Channel Pipette	On Request



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	4,230.00
LHC37111002	2	2.5	1.2	4,230.00
LHC37111005	5	1.2	0.8	4,230.00
LHC37111006	10	1.0	0.5	4,230.00
LHC37111008	20	1.0	0.3	4,230.00
LHC37111009	25	0.8	0.4	4,230.00
LHC37111010	30	1.2	0.4	4,230.00
LHC37111012	50	1.0	0.3	4,230.00
LHC37111016	100	0.7	0.2	4,230.00
LHC37111020	200	0.6	0.2	4,230.00
LHC37111021	250	0.4	0.2	4,230.00
LHC37111024	500	0.8	0.2	4,230.00
LHC37111029	1000	0.8	0.2	4,230.00
LHC37111033	5000	0.6	0.2	4,230.00
LHC37111038	10000	0.6	0.2	4,230.00
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	5,880.00
LHC37112005	0.5-10	0.10	1.00	0.5	5,880.00
LHC37112008	2-20	0.10	1.00	0.3	5,880.00
LHC37112016	5-50	0.50	1.00	0.3	5,880.00
LHC37112020	10-100	0.50	0.70	0.2	5,880.00
LHC37112024	20-200	1.00	0.60	0.2	5,880.00
LHC37112029	100-1000	5.00	0.80	0.2	5,880.00
LHC37112033	500-5000	50.00	0.60	0.2	5,880.00
LHC37112038	1000-10000	100.00	0.60	0.15	5,880.00
HSN Code	90318000				

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	21,140.00
LHC37113009	5-50	0.50	1.00	0.70	21,140.00
LHC37113016	10-100	0.50	1.00	0.50	21,140.00
LHC37113020	20-200	1.0	0.70	0.25	21,140.00
LHC37113022	30-300	1.0	0.80	0.25	21,140.00
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	26,420.00
LHC37114009	5-50	0.5	1.00	0.70	26,420.00
LHC37114016	10-100	0.5	1.00	0.50	26,420.00
LHC37114020	20-200	1.0	0.70	0.25	26,420.00
LHC37114022	30-300	1.0	0.80	0.25	26,420.00
HSN Code	90318000				

Technical Data & Ordering Information -

Model Name	Description	Prices / Piece ₹
LHC07009004	Micropipette stand for 4 Single Channel Pipette	3636



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.
- Explore 5 different pipetting modes: Forward Pipetting, Reverse Pipetting Multi dispensing, Diluting & Mixing
- Intelligent sleep mode for battery conservation.



Technical Data & Ordering Information -

Model Name	Volume Range (µl)	Volume Increment (µl)	Inaccuracy (%)	Imprecision (%)	Prices / Piece ₹
LHC17022008	10-200	0.1	0.6	0.2	38.840.00
LHC17022012	5-100	0.1	0.8	0.2	38.840.00
LHC17022016	250 - 5000	5	0.6	0.2	38.840.00
LHC17022024	50 - 1000	1	0.6	0.2	38.840.00
LHC17022042	0.5-10	0.01	1	1	38.840.00
HSN Code	90318000				

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	11W X 4
Outer dimension (LXDXH)	430 * 380 * 235mm
Inner dimension (LXDXH)	420 * 255 * 170mm
Maintenance	UVC lamps user replaceable
Unit Power	45 W
Input power	230V 50Hz Ac
Ordering Information	BLFGDIC01000000000



Electronic Micropipettes

Technical Data & Ordering Information - 8 channel

Model Name	Volume Range (µl)	Volume Increment (µl)	Prices / Piece ₹
LHC17023001	0.5-10	0.010	63,130.00
LHC17023002	2-20	0.01	63,130.00
LHC17023016	5-100	0.10	63,130.00
LHC17023020	10-200	0.10	63,130.00
LHC17023022	15-300	0.10	63,130.00
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	71,310.00
LHC17024002	2-20	0.01	71,310.00
LHC17024016	5-100	0.10	71,310.00
LHC17024020	10-200	0.10	71,310.00
LHC17024022	15-300	0.10	71,310.00
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	20,690.00





NEW

Experience the ease of
precise titration with

LABQUEST
BY BOROSIL®

e-Titrate

DIGITAL BURETTE

DIY
DO IT YOURSELF
Re-Calibration

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

The ergonomically optimized cone geometry provides the optimal pipette fit for Labquest Pipette

Technical Data & Ordering Information

Universal Graduated Tips Bulk Pack

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010B	BGT-10B	10	-	1000 Tips / pack	600.00
BGT0000200B	BGT-200B	200	-	1000 Tips/ pack	560.00
BGT0001000B	BGT-1000B	1000	-	1000 Tips/ pack	840.00
BGT0C10005000B	BGT-C10005	5000	Only C1	100 Tips/ pack	1350.00
BGT0C30005000B	BGT-C30005	5000	Only C3	100 Tips/ pack	1350.00
BGT0C10010000B	BGT-C10010	10000	Only C1	100 Tips/ pack	3040.00
BGT0C30010000B	BGT-C30010	10000	Only C3	100 Tips/ pack	3040.00

Universal Graduated Tips Racks

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT000010R	BGT-10	10	-	10 × 96 Tips/rack	2,500.00
BGT0000200R	BGT-200R	200	-	10 × 96 Tips/rack	2,380.00
BGT0001000R	BGT-1000R	1000	-	6 × 96 Tips/ rack	1,540.00

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	2,700.00
BGT0000200SR	BGT-200SR	200	-	10 × 96 Tips/rack	2,570.00
BGT001000SR	BGT-1000SR	1000	-	6 × 96 Tips/ rack	1,780.00

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	2,880.00
BGT000200SLR	BGT-200SLR	200	-	10 × 96 Tips/rack	2,820.00
BGT01000SLR	BGT-1000SLR	1000	-	6 × 96 Tips/ rack	2,300.00

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	1,850.00
BGT0000200SZ	BGT-200SZ	200	-	10 × 96 Tips / rack	1,770.00
BGT001000SZ	BGT-1000SZ	1000	-	5 × 96 Tips/ rack	1,330.00

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	2,170.00
BGT000200SLZ	BGT-200SLZ	200	-	10 × 96 Tips / rack	2,120.00
BGT01000SLZ	BGT-1000SLZ	1000	-	5 × 96 Tips/ rack	1,650.00

Filter Tips

Protect pipettes and valuable samples from contamination with Labquest 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	2,760.00
BGT000020FB	BGT-20FB	20	-	1000 Tips/ pack	2,760.00
BGT000050FB	BGT-50FB	50	-	1000 Tips/ pack	2,760.00
BGT000100FB	BGT-100FB	100	-	1000 Tips/ pack	2,760.00
BGT000200FB	BGT-200FB	200	-	1000 Tips/ pack	2,760.00
BGT001000FB	BGT-1000FB	1000	-	1000 Tips/ pack	3,420.00

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	3,930.00
BGT000020FR	BGT-20FR	20	-	10 × 96 Tips/rack	3,930.00
BGT000050FR	BGT-50FR	50	-	10 × 96 Tips/rack	3,930.00
BGT000100FR	BGT-100FR	100	-	10 × 96 Tips/rack	3,930.00
BGT000200FR	BGT-200FR	200	-	10 × 96 Tips/rack	3,930.00
BGT001000FR	BGT-1000FR	1000	-	6 × 96 Tips/ rack	2,760.00

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	4,070.00
BGT00020SFR	BGT-20SFR	20	-	10 × 96 Tips/rack	4,070.00
BGT00050SFR	BGT-50SFR	50	-	10 × 96 Tips/rack	4,070.00
BGT00100SFR	BGT-100SFR	100	-	10 × 96 Tips/rack	4,070.00
BGT00200SFR	BGT-200SFR	200	-	10 × 96 Tips/rack	4,070.00
BGT01000SFR	BGT-1000SFR	1000	-	6 × 96 Tips/ rack	3,030.00

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	4,980.00
BGT0020SLFR	BGT-20SLFR	20	-	10 × 96 Tips/rack	4,980.00
BGT0050SLFR	BGT-50SLFR	50	-	10 × 96 Tips/rack	4,980.00
BGT0100SLFR	BGT-100SLFR	100	-	10 × 96 Tips/rack	4,980.00
BGT0200SLFR	BGT-200SLFR	200	-	10 × 96 Tips/rack	4,980.00
BGT1000SLFR	BGT-1000SLFR	1000	-	6 × 96 Tips/ rack	3,740.00

Empty Tip Box

Product Code	Short Code	Tip Vol. (µl)	Special Feature	Selling Unit	Prices / Piece
BGT00010ETR	BGT-10ETR	10	-	10 Rack Boxes	1,960.00
BGT00200ETR	BGT-200ETR	200	-	10 Rack Boxes	1,960.00
BGT01000ETR	BGT-1000ETR	1000	-	6 Rack Boxes	1,310.00