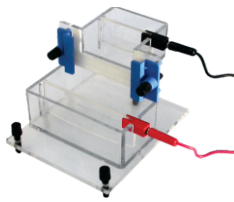


BIOTECHNOLOGY AND OTHER LAB. EQUIPMENTS



**Electrophoresis
Horizontal**



**Electrophoresis
Vertical**



**Vortex
Shaker**



**Anaerobic
Culture Jar**



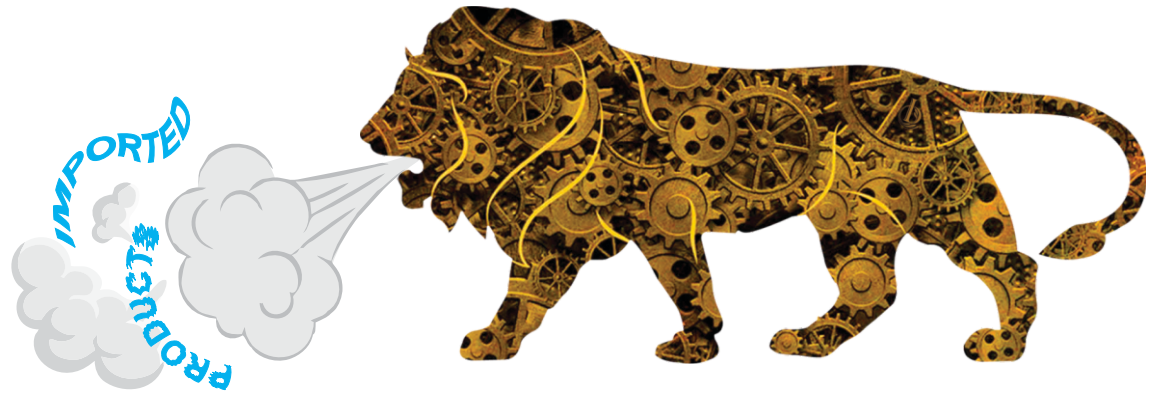
**Float
Racks**

LAB PLASTIC WARE

- **Gel Electrophoresis** ————— ●
- **Paper Electrophoresis** ————— ●
- **Electrophoresis Power Supplies** ————— ●
- **U.V. Tranilluminators** ————— ●
- **Gel Documentation System** ————— ●
- **Paper Chromatography Kit** ————— ●
- **Vortex Mixer** ————— ●
- **Anaerobic Jar** ————— ●
- **Lab Centrifuge Machines Wide Range** ————— ●
(Mini, Micro, Microplates, Low speed, High speed,
Refrigerated)

INDEX.....

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Make-In-India

Our company is established on 16 October, 2010.

Our is ISO : 9001, ISO : 13485, WHO-GMP, CE Certified company granted with Udyog Aadhar by MSME-Govt. of India.

All products mentioned in our catalogue are MADE -IN-INDIA by Laby.

Nothing doing with China.

We are fighting competition with China because of our prices are less then Chinese manufacturers.

We have our exclusive designs of our products as mentioned in our catalogue.

We have above 200 Die-moulds & Fixtures and testing Equipments.

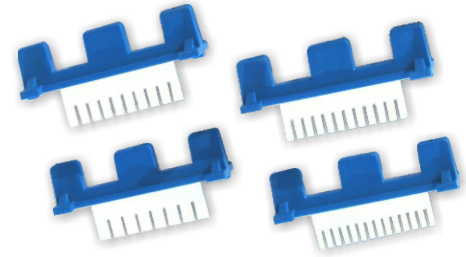
Our factory is equipped with CNC Turning, Lathes, Miling Machine, CNC drilling and Taping Center, Motor making plant, paint Shop. Any customer can visit our plant to become proof of that what we are saying.

We are proud of our Hon'able Prime Minister Sh. Narinder Modi Jee with his excellence vision for Industry Make-in-India and we are doing it with zero error tolerance.

Now it is your turn to promote Made-in-India.

Electrophoresis Horizontal

Mini - Gel Nucleic Acid



COMB 8 WELLS
COMB 10 WELLS
COMB 12 WELLS
COMB 14 WELLS

Model: GE-1



GEL CASTER



GEL CASTING TRAY
SIZE 7x7 CM

GEL CASTING TRAY
SIZE 10x7 CM

Rs. 13700/- Each + 18% GST

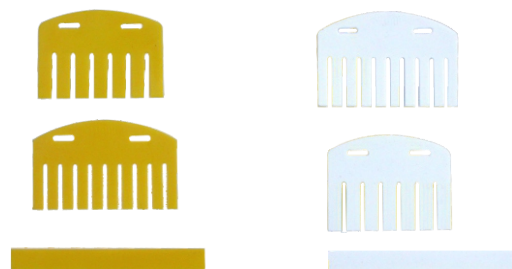
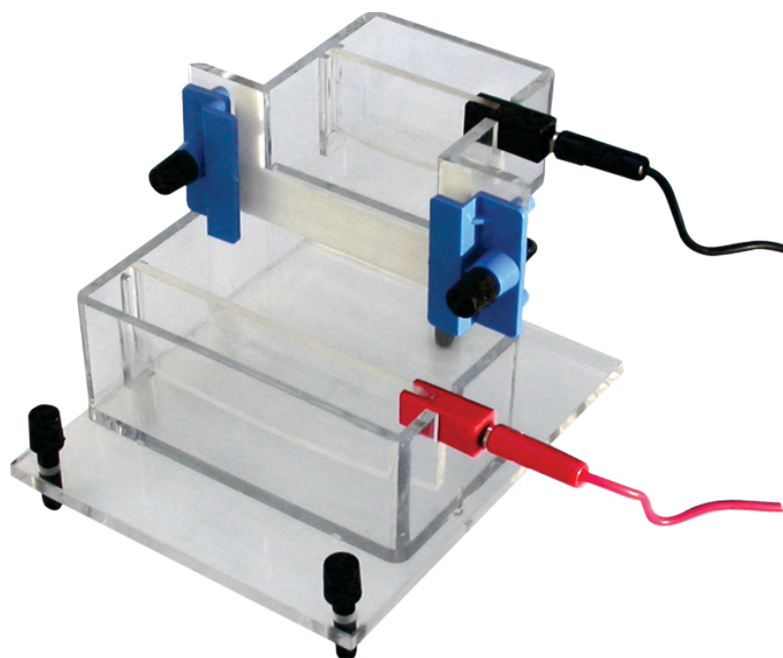
Specifications

- It is required in biotechnology, Molecular Biology applications in colleges, Universities, Research Institutes.
- It is meant for Nucleic Acid (DNA-RNA) characterization.
- These are also called Submarine Electro-phoresis Unit/Agrose Gel/Poly
- Acrylamide Gel Electrophoresis (Mini size)
- The unit is jointless, moulded of transparent Polycarbonate to avoid leakage.
- It is fitted with 2 Platinum Electrodes and supplied with transparent jointless safety lid which is also made of polycarbonate.
- It is completed with Buffer chamber, safety lid with cables.

Supply As Above Complete With Following Accessories:-

▶ Comb 8, 10, 12 & 14 Wells	Set of 2 Pcs
▶ Gel Casting Tray 10x7cm	Set of 1 Pc
▶ Gel Casting Tray 7x7cm	Set of 1 Pc
▶ Gel Caster	Set of 1 Pc
▶ Red And Black Cable	Set of 1 Pc
▶ Instruction Manual	1 Each

Vertical Electrophoresis System Mini - Gel Protein



COMB 7 WELL (1mm)
COMB 10 WELL (1mm)
SPACER (1mm)

COMB 7 WELL (1.5mm)
COMB 10 WELL (1.5mm)
SPACER (1.5mm)



GEL CASTER

Model: GE-2

Rs. 13700/- Each + 18% GST

Specifications

- It is required in biotechnology, Molecular Biology applications in colleges, Universities, Research Institutes.
- It is meant for protein characterization.
- The buffer chamber is jointless, moulded of transparent Polycarbonate to avoid leakage. The unit is based on Acrylic sheet fitted with 3 leveling screws. Complete with Acrylic cover.

Technical Parameters

▶ Dimensions (Outer) (LxWxH)	15 x 18 x 15 cm
▶ Gel Size (cm)	8 x 7 (1 Gel)
▶ Buffer Required (ml)	100 + 150
▶ Platinum Electrodes	2 Nos

Supply As Above Complete With Following Accessories:-

▶ Wires Black and Red	1 each
▶ Glass Plate -1 & 1 Notched rectangular	Total 2 Nos.
▶ One set spacers of 1.0mm, 1.5mm	4 Pcs. Each
▶ Nylon moulded combs 7 & 10 Wells	2 Sets (1 & 1.5 mm thick)
▶ Silicon Gasket	1 No.

4-Cells Vertical Gel Electrophoresis Apparatus



Model: DVG-2

Rs. 34200/- Each + 18% GST

Specifications

- Vertical Electrophoresis Apparatus for Protein application.
- It is a 4 Cells system.
- Main Tank and Lid are moulded in Single Piece to ensure leak proof performance of Gel. These are made of polycarbonate.
- Overall Size :- W x L x H (in mm) 150 x 115 x 120.
- The Electrodes are made of Platinum 99.9% pure.
- Voltage require 600 V DC and 500 Watts.
- 9 Types of Wells are supplied, which are made of Polycarbonate. .
- Detail of 9 types of Wells is as under :-

Nos of Wells	Well Width ↓	Well Depth ↓		Well Depth ↓		Well Depth ↓	
		0.75 mm		1.0 mm		1.5 mm	
5	12.7mm	Vol	20ul	Vol	105ul	Vol	160ul
10	5.08mm	Vol	33ul	Vol	44ul	Vol	66ul
15	3.35mm	Vol	20ul	Vol	26ul	Vol	40ul

The Standard Setup consists Of The Followings :-

▶ Moulded Tank	1 No
▶ Moulded Lid	1 No
▶ Gel Casttes for Gel Casting	2 Nos
▶ Silicon Rubber	2 Nos
▶ Gel Dam Plates	2 Nos
▶ Platinum Electrodes	2 Nos.
▶ Red and Black Wire	1 Set
▶ Combs with Wells of Polycarbonate	4 Sets (0.1 & 0.5 mm thick)

Western Blotting System (Rapid Mini Dual Wet Blot Apparatus)



Rs. 25450/- Each + 18% GST

Model: WB-02

- Laby Offers a complete range of Western Or Immuno Blotting is the transfer of separated Proteins in a gel to the surface of a thin support membrane matrix. The Proteins are bound and immobilized on the membrane. Southern and Northern blotting involves the transfer of separate DNA and RNA, respectively, from a gel to a membrane. To perform a transfer, the gel is layered next to a membrane and placed in a voltage gradient perpendicular to the gel. Negatively charged molecules will migrate out from the gel, move towards the positive electrode, and get deposited on the membrane. We offer all different type of models for different applications like Mini, Mini Dual, Midi, Midi Dual & Customized Wet Blots etc.

Advantages of Blotting Apparatus

1. Easy access of proteins or nucleic acids on a blot for further analysis.
2. Faster analysis of proteins on the blots as protein diffusion is minimized.

Specifications

▶ Make	LABY
▶ Model	WB-02
▶ Dimensions	15 x 11.5 x 12cm (LxBxH)
▶ Gel Holder Cassette	2 Nos
▶ Buffer Volume	650 ml
▶ Gel Size	8 x 7 cm (2 Gels)
▶ Connecting Cord	Red & Black (One Each)
▶ Electrode Material	Platinum Anode (99.9% Pure)
▶ No. of Platinum Electrodes	Anode and Cathode (One Each)
▶ Foam Pad	12 Nos.
▶ Buffer Chamber with Safety Lid	1 No.
▶ Instruction Manual	1 No.

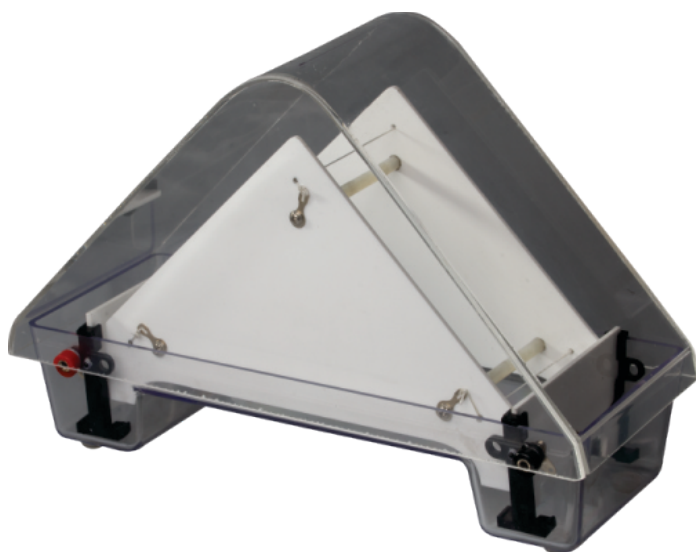
Paper Electrophoresis

Horizontal Vertical (3 Strips Capacity)



Model: PEH-1
Horizontal having 3 strips capacity.

Rs. 14300/- Each + 18% GST



Model: PEV-2
Vertical having 3 strips capacity

Rs. 14300/- Each + 18% GST

Specifications

- The buffer chamber is made out of single moulded piece to avoid leakage of buffers.
- It is made of transparent poly carbonate.
- The unit have 2 Platinum electrodes, supplied with their banana sockets defined in black and red colour.
- Horizontal paper strip holder to adopt 3 pare strips is supplied with horizontal unit.
- Vertical strip holder to adopt 3 paper strip in vertical position is supplied with vertical unit.
- Supply complete with respective protection cover, red and white cables.
- To work on 220 volts 50Hz A.C.
- Packed in corrugated box with instruction manual.

Electrophoresis Power Supply Analog (Single Unit Use at a time)

Non Digital Fixed Current



Rs. 6400/- Each + 18% GST

Model: EP-1

Specifications

- Analog Model with fixed current 250mA and also 5 types of fixed voltage means 50V, 100V, 150V, 200V and 250V.
- It is recommended for mini Horizontal and mini vertical Electrophoresis Apparatus.
- The voltage is selected thru a 5 step voltage regulator. Example if selector switch is at 1 position. The LED light will glow at 50V means fixed voltage of 50V is selected. Like wise other voltage can be selected.

Electrophoresis Power Supply Digital (Single Unit use at a time) (0-300V/0-500mA)



Rs. 27400/- Each + 18% GST

Model: EP - 2

Specifications

- Body made of ABS plastic injection moulded and is shock proof.
- Microprocessor based, programmable, Electrophoresis power supply.
- Variable voltage 0-300V.
- Variable current 0-500mA.
- Digital timer 9 hr. 99 minutes programmable
- Digital display of voltage and current thru 2 line 22 character LCD display.
- Digital display of timer in respect to set time and run time.
- For single unit use at a time.
- To work on 220 volts 50 Hz A.C.
- Supply is complete with cord & plug, instruction manual, packed in corrugated box.

Electrophoresis Power Supply Digitals (4 Units run at a time)(0-300V/0-500mA)

Rs. 38300/- Each + 18% GST

Specifications

- Body made of ABS plastic injection moulded and is shock proof.
- Micro processor based, programmable, Electrophoresis power supply.
- Variable voltage 0-300V.
- Variable current 0-500mA.
- Digital timer 9 hr. 99 minutes programmable
- Digital display of voltage and current thru 2 line 22 character LCD display.
- Digital display of timer in respect to set time and run time.
- 4 Units can be run at a time.
- To work on 220 volts 50 Hz A.C.
- Supply is complete with cord & plug, instruction manual, packed in corrugated box.



Model: EP-3

Electrophoresis Power Supply Digitals (Single Unit run at a time)(0-300V/0-900mA)

Rs. 39650/- Each + 18% GST

Specifications

- Body made of ABS plastic injection moulded and is shock proof.
- Microprocessor based, programmable, Electrophoresis power supply.
- Variable voltage 0-300V.
- Variable current 0-900mA.
- Digital timer 9 hr. 99 minutes programmable
- Digital display of voltage and current thru 2 line 22 character LCD display.
- Digital display of timer in respect to set time and run time.
- For Single unit use at the same time.
- To work on 220 volts 50 Hz A.C.
- Supply is complete with cord & plug, instruction manual, packed in corrugated box.



Model: EP-4

Electrophoresis Power Supply Digitals (4 Units run at a time) (0-500V/0-999mA)

Rs. 50600/- Each + 18% GST

Specifications

- Body made of ABS plastic injection moulded and is shock proof.
- Microprocessor based, programmable, Electrophoresis power supply.
- Variable voltage 0-500V.
- Variable current 0-999mA.
- Digital timer 9 hr. 99 minutes programmable
- Digital display of voltage and current thru 2 line 22 character LCD display.
- Digital display of timer in respect to set time and run time.
- For Four unit use at the same time.
- To work on 220 volts 50 Hz A.C.
- Supply is complete with cord & plug, instruction manual, packed in corrugated box.



Model: EP-5

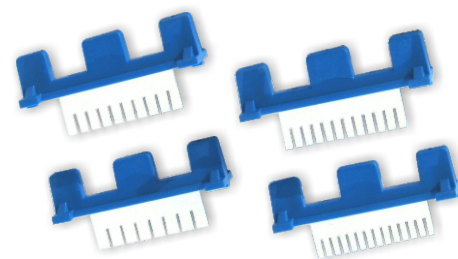
Gel Casting Tray for Mini Horizontal Electrophoresis Apparatus



Specifications

Description	Pack Size	Price (in Rs.)
▶ Gel Casting Tray 7 x 7 cm	2 Pcs	2500/- Pack + 18% GST
▶ Gel Casting Tray 7 x 10 cm	2 Pcs	2500/- Pack + 18% GST

Comb Set for Mini Horizontal Electrophoresis Apparatus



Specifications

Description	Pack Size	Price (in Rs.)
▶ Comb Set 7, 9, 11, 13 Wells. Pkt of 4 pcs each	1 Packet	4800/- Pack + 18% GST
▶ Electrode Set	1 Set	3600/- Pack + 18% GST

Gel Caster for Horizontal Electrophoresis Unit



Specifications

- It is made of ABS Plastic Moulding. It can accommodate 7 x 7 cm and 7 x 10 cm Gel Casting Trays.
- The dam is provided with this Gel Caster to adjust the size of gel trays and also avoid any kind of leakage.

Rs. 1500/- Each + 18% GST

Float Racks

Specifications

Type	Place	Capacity ml	Packing	Price (in Rs.)
▶ Square	16	1.5	6	1200/- Pack + 18% GST
▶ Round	8	1.5	6	600/- Pack + 18% GST



Gel Developing Tray

Specifications

Used for staining, fixation, destaining and handling of electrophoresis gels and membranes. It is made of ABS Plastic injection moulded with acrylic cover. It is tapered from one end to allow easy liquid drainage with minimum gel handling

Size: L = 142 mm
W = 120 mm
H = 58 mm

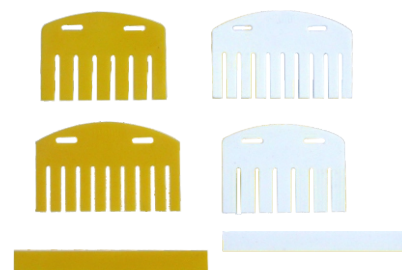
Rs.750/- Each + 18% GST



Combs/Spaces for Vertical Electrophoresis - Mini

Specifications

Description	Packing	Price (In Rs.)
Spacer 1.00 mm	4 Pcs	1200/- Pack + 18% GST
Comb 7 Well & 10 Well (1mm)	4 Pcs Each	4800/- Pack + 18% GST
Spacer 1.5 mm	4 Pcs	1200/- Pack + 18% GST
Comb 7 Well & 10 Well (1.5mm)	4 Pcs Each	4800/- Pack + 18% GST
Silicon U Shaped Sealing Gasket	2 Pcs	1000/- Pack + 18% GST



Gel Scoop

Specifications

Material Acrylic: Made of 3mm UV-transparent acrylic for easy transfer of polyacrylamide and agarose gels between electrophoresis unit, stain or destain tray and transilluminator. Tapered edge for easy lifting of gel and guide on sides prevent gel from moving

Type	Size	Packing	Price (In Rs.)
Small	75 x 10	1 Pc	1300/- Each + 18% GST
Medium	14 x 20	1 Pc	1300/- Each + 18% GST
Large	20 x 20	1 Pc	1600/- Each + 18% GST



Gel Caster for Vertical Electrophoresis Unit

Specifications

- Two Clips provided to tight the upper part of glass plate
- Three screw is provided to tight the lower part of glass plate

Rs. 1500/- Each + 18% GST



U.V. Transilluminator

College Model (View Filter Size 200 x 200 mm)



Model: TI-20
(365 nm)

Rs.24600/- Each + 18% GST



Model: TI-22
(254 nm)

Rs.24600/- Each + 18% GST

Transilluminators

- Transilluminator model TI-20, and TI-22 are required in biotechnology, Molecular Biology applications in colleges, Universities, Research Institutes.
- These are college model transilluminators having detection limit minimum 200ng. These models available are as under.

Model: TI-20

Specifications

▶ Wavelength	365 nm with suitable filter
▶ No. of U.V. Tubes	8 Imported
▶ Wattage	8 Watts
▶ Detection limit	200 ng
▶ Blue Plate Area	210 x 210 mm approx
▶ Body	MS with Powder Coated
▶ UV Protection Shield	Yes

Model: TI-22

Specifications

▶ Wavelength	254 nm with suitable filter
▶ No. of U.V. Tubes	8 Imported
▶ Wattage	8 Watts
▶ Detection limit	200 ng
▶ Blue Plate Area	210 x 210 mm approx
▶ Body	MS with Powder Coated
▶ UV Protection Shield	Yes, moulded frame

U.V. Transilluminator

College Model (View Filter Size 210 x 260 mm)



Model: TI-21
(365 nm)



Model: TI-23
(254 nm)



Model: TI-25
(254 & 365 nm Dual)

Rs.27400/- Each + 18% GST

Rs.27400/- Each + 18% GST

Rs.27400/- Each + 18% GST

Transilluminators

- Transilluminator model TI-21, TI-23 and TI-25 are required in biotechnology, Molecular Biology applications in colleges, Universities, Research Institutes.
- These are college model transilluminators having detection limit minimum 200ng. These models available are as under.

Model: TI-21 Specifications

▶ Wavelength	365 nm with suitable filter
▶ No. of U.V. Tubes	8 Imported
▶ Wattage	8 Watts
▶ Detection limit	200 ng
▶ Blue Plate Area	210 x 260 mm approx
▶ Body	MS with Powder Coated
▶ UV Protection Shield	Yes

Model: TI-23 Specifications

▶ Wavelength	254 nm with suitable filter
▶ No. of U.V. Tubes	8 Imported
▶ Wattage	8 Watts
▶ Detection limit	200 ng
▶ Blue Plate Area	210 x 260 mm approx
▶ Body	MS with Powder Coated
▶ UV Protection Shield	Yes, moulded frame

Model: TI-25 Specifications

▶ Wavelength	254 and 365 nm with suitable filter
▶ No. of U.V. Tubes	4 (254nm) and 4 (365nm) total = 8
▶ Wattage	8 Watts
▶ Detection limit	200 ng
▶ Blue Plate Area	210 x 260 mm approx
▶ Body	MS with Powder Coated
▶ UV Protection Shield	Yes

U.V. Transilluminator

Research Model (View Filter Size 210 x 260 mm)



Model: TI-50
(312 nm)

RS. 76000/- Each + 18% GST



Model: TI-60
(312 & 365 nm Dual)

RS. 95000/- Each + 18% GST

Transilluminators

- These are research models of Transilluminators. We have 2 models detailed as under

Specifications

Parameters	Model : TI - 50	Model : TI - 60
Item	U.V. Transilluminator Smart Look Very Accurate Research work	U.V. Transilluminator Smart Look Very Accurate Research work
▶ Intensity	312	312 and 365nm Dual
▶ No. of U.V. Tubes	8	6
▶ Wattage	8 Watts	8 Watts
▶ Detection Limit	0.01 ngm. of stained DNA	0.01 ngm. of stained DNA
▶ Viewing Area	210 x 260 mm	210 x 260 mm
▶ Filter	Quartz Filter	Quartz Filter
▶ Body	Aluminium Pressure die body Furnished in Black Powder Coating	Aluminium Pressure die body Furnished in Black Powder Coating
▶ UV Protection Shield	Yes	Yes

U.V. TRANS. (312 & 365 nm)



Model: TI-60

Most Advance
Nikon Digital SLR
Camera
(with Tilted Screen towards user)



**MODEL GD-1 Rs.342000/-
+ 18% GST**



Gel Doc Hood

Specifications

Excellent optics coupled to a high quality camera, the gel. LUMINAX gel documentation system, is a high performance and reliable fluorescent and colorimeter bio-imaging system. Featuring 18 megapixel digital camera, the camera connects to a PC through a USB and can be controlled from the PC. The light-tight cabinet has a UV safety switch and a roll-out transilluminator. A choice of illumination options with UV trans/epi lighting, wave length-specific LEDs and more, adds to the versatility of the system.

Ultraviolet transilluminator is provide in 312 & 365 nm dual ranges. Filter size of transilluminator is 210x260mm (which is extra large). Epi white light illumination from above is standard. Optionally, ultraviolet epi-illuminator in a variety of wavelengths can also be provided. The dark room cabinet has features for safety switch that switches off the UV lights as soon as the door is opened.

The gel doc system is perfect for diagnostic labs, Biotech start-ups for HLA typing facilities, DNA and protein research and academic labs.

Camera Features

- ▶ 18 Megapixels Digital SLR Camera(DSLR) with titled screen.
- ▶ 8 GB Memory Card storage and 24 Bit RGB.
- ▶ Zoom Lense 18-55 mm and another Zoom Lenses 55-250mm.
- ▶ EtBr 590 Filter.
- ▶ 312nm / 365nm UV.
- ▶ Operates camera directly and also via P.C. (i.e, Live on computer).
- ▶ 7.7cm/3 LCD Hybrid CMOS Auto Focus.
- ▶ Wireless Remote control shooting of pictures directly from camera also Image storing card.
- ▶ Options:- Tilt Rotatable Screen.

Dark Room Cabinet Features

- ▶ Dark room cabinet having removable UV Transilluminator with UV safety cover
- ▶ Dark room cabinet (Gel Documentation hood have dark black finishing inside). It have special port for U.V. Transilluminator which can easily come out from cabinet.
- ▶ It have built in 2 white lights which works as E-pi-Illuminator.
- ▶ Built in device having the camera at top and base fitted with rubber feet.

Software Features

- ▶ Gel capture software comes as standard accessories with digital camera.
- ▶ Complimentary C.D. of gel analysis software download from internet through special technique.
- ▶ Complimentary C.D. of TUTOR software download from internet through special technique.

Advantages

- ▶ Easy to use, Low cost, yet high quality images.
- ▶ High Grade auto focus DSLR Camera that can be Mounted conveniently.
- ▶ Easy access to Transilluminator.
- ▶ Transilluminator can come out as fitted in drawer.

U.V. Gel Transilluminator

Model: TI-60 is supplied with this system. Detailed description at page No. 14 .

ISO : 9001, ISO : 13485, GMP, CE, MSME

U.V. TRANS. (312 nm)



Model: TI-50

Nikon Digital SLR
Camera
(with Tilted Screen towards user)



**MODEL GD-2 Rs.226000/-
+ 18% GST**



Gel Doc Hood

Specifications

- All the specifications are same as mentioned in our model GD-1 (Page No. 15).
- There are only difference in Camera and U. V. Transilluminator which is mentioned below.

Camera Features

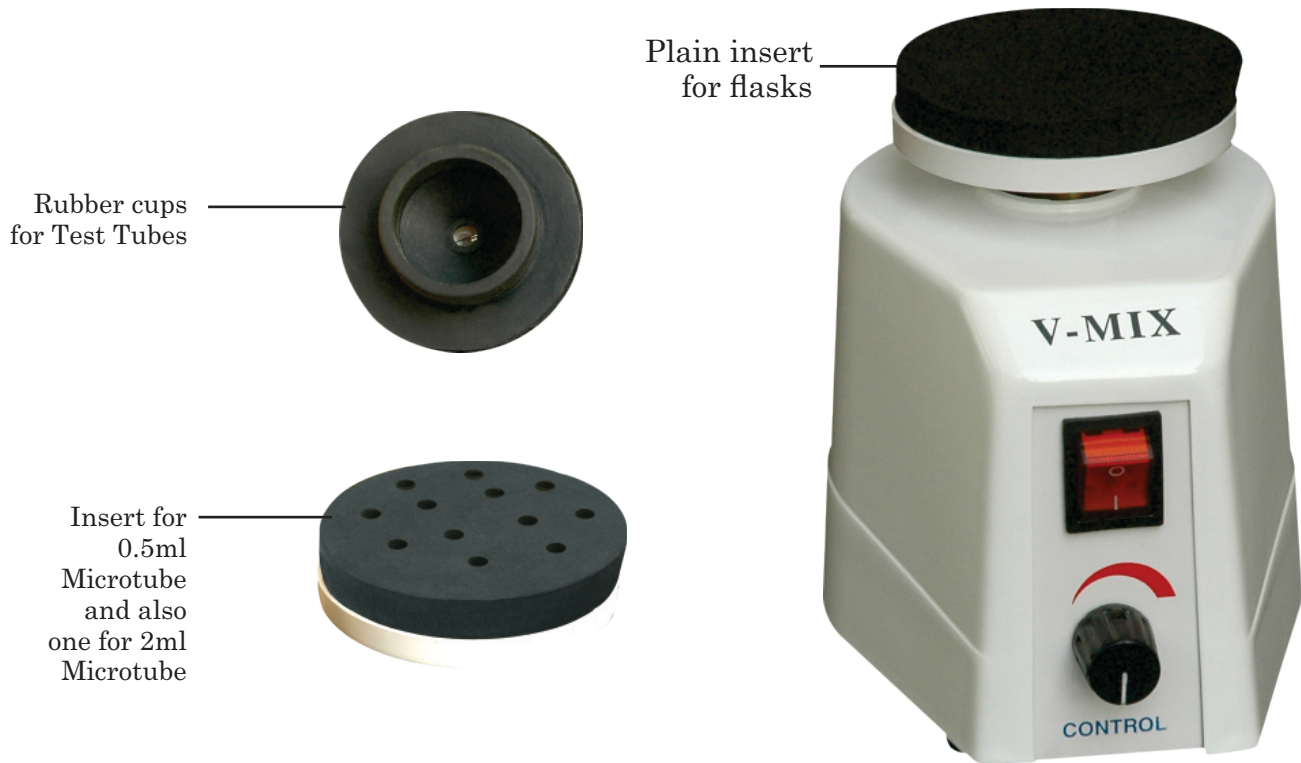
- ▶ 18 Megapixels Digital SLR Camera(DSLR) with fixed screen.
- ▶ 8 GB Memory Card storage and 24 Bit RGB.
- ▶ Zoom Lense 18-55 mm and another Zoom Lenses 55-250mm.
- ▶ EtBr 590 Filter.
- ▶ 312nm / 365nm UV.
- ▶ Operates camera directly and also via P.C. (i.e, Live on computer).
- ▶ 7.7cm/3 LCD Hybrid CMOS Auto Focus.
- ▶ Wireless Remote control shooting of pictures directly from camera also Image storing card.
- ▶ Options:- Fixed LCD Screen

U.V. Gel Transilluminator

Parameters	Model : TI - 50
Item	U.V. Transilluminator Smart Look Very Accurate Research work
▶ Intensity	312
▶ No. of U.V. Tubes	8
▶ Wattage	8 Watts
▶ Detection Limit	0.01 ngm. of stained DNA
▶ Viewing Area	210 x 260 mm
▶ Filter	Quartz Filter
▶ Body	Aluminium Pressure die body Furnished in Black Powder Coating
▶ UV Protection Shield	Yes

Advantages

- ▶ Easy to use, Low cost, yet high quality images.
- ▶ High Grade auto focus DSLR Camera that can be Mounted conveniently.
- ▶ Easy access to Transilluminator.
- ▶ Transilluminator can come out as fitted in drawer.



Model: VM-20

Rs. 7500/- Each + 12% GST

Specifications

- Compact, rugged construction.
- Heavy metallic base fitted with rubber vacuum feets which prevents the movement of shaker during use.
- Choice of continuous & touch mode.
- Variable speed control.
- Maximum speed 3000 RPM.
- To Work on 220Volts + 10% 50 HZ A.C.
- Include following standard set up with variety of inserts.

Supply as above and completed with following accessories

▶ Rubber Cup Attachment for Test Tubes	1 No.
▶ Insert for Micro Tubes of 0.2ml/0.5ml	1 No.
▶ Insert for Micro Tubes of 1.5ml/2ml	1 No.
▶ Insert Plain for Conical/Volumetric Flask	1 No.

- Packed in corrugated box.



- Fitted with Lid having vacuum cum pressure gauge, vacuum/pressure valve and safety valve.
- This type of Lid is required when gases from gas cylinders are used to generate anaerobic condition inside the jar



Extra Plain Lid is also supplied as standard to make it Two-in-one

Extra plain lid is also supplied which is fitted in case of ready-made gas packs are used to generate Anaerobic conditions



Gas Pack

Model: Anar-2

Rs. 14300/- Each + 12% GST

Specifications

- Transparent Anaerobic Culture Jar of 3.5.lit. capacity which is made of Polycarbonate.
- The lid of the jar is made of Aluminum pressure die Casting fitted with Pressure Valve, Vacuum Valve, Safety Valve & compound Pressure cum vacuum gauge, three finger aluminum clamp and sealing "O" ring.
- This is recommended only where inside air of jar is removed thru vacuum pump and CO₂ is filled in the jar thru CO₂ gas cylinder to generate anaerobic condition in the jar.
- Also supplied with plainaluminum pressure die casted lid which can be fitted when readymade gas packs are used to generate the anaerobic conditions inside the jar.
- When readymade gas packs are used, there is no need of lid fitted with dial gauge etc., for extra life of equipment.

Supply as above and completed with following accessories

- ▶ Petri Plate Carrier, Stainless steel, for 10 Petri Dishes. 1 No.
- ▶ Test Tube Carrier, Stainless Steel 1 No.

Optional consumables at extra cost

- Anaerobic Indicator, Box of 10 Tablets.
- Anaerobic Gas Pack, Price per Pkt. of 5 Sachets.



Rs. 5000/- Each + 18% GST

Model: PC-10

Specifications

- First time in India and in-house R & D of complete one year, we, M/s Laby had developed paper Chromatography Kit. Hence we are the sole manufacturer of Model-PC-10 Paper Chromatography Kit in the world.
- We have also applied for its patent.
- It is required in Colleges, Medical Colleges, Research Institutes for detection of R_F Value.

Technical Parameter

- **Paper Chromatography Cabinet:** It is made of single piece bakelite moulding. The inner size of cabinet is 6" x 8" x 9" with front sliding glass door. The lid of cabinet is also made of bakelite.
- **Stainless Steel Solvent Pot:** It is made of 316 Quality S.S. It is having the volume capacity of 150 ml. It is required to hold the solvent mixture.
- **Stainless Steel Hanger:** It is a stainless steel rod of size 6" and dia 2mm. It is used as hanger of Chromatography paper. It fits inside the grooves of the cabinet.
- **Chromatography Paper "1-Chro":** It is the world standard Chromatography paper. A smooth surface, 0.18mm thick with linear flow rate (water) of 130 mm/30 min. Good resolution for general analytical separation and having following special features.
 - * Simultaneous development of multiple samples on the same sheet under identical conditions.
 - * Sequential development of the same sample with solvent or different concentrations of the same solvent.
 - * Suitability for two-dimensional chromatography (change in direction of the solvent front) with possible improved resolution.
- **Drying Stand:** One stand is supplied to accommodate processed (wet) Chromatography Paper and to put it in oven to dry the same.
- **Glass Sprayer with Rubber Balloon:** The sprayer is made of Borosilicate Glass, specially designed for spraying the indicators on Chromatography Paper. A rubber balloon is connected to it.
- **Glass Syringe:** Glass syringe capacity 20ml. is provided to draw the solvent from S.S. Pot after practical is over.
- **TLC Capillary:** Pkt. of 25 high quality fine capillaries are supplied with cabinet.



Model: JAR-10

Rs. 2500/- Each + 18% GST

Specifications

- Multipurpose Transparent Rectangular Jar.
- It is made of Polycarbonate.
- It is one piece moulded Jar to guarantee a leak proof performance.
- Jar can stack one by one upto 4 rows.
- This jar can be used in various Laboratories for wider application.
- Size of the Jar is 300 x 300 x 150 (L x W x H) mm
- Jar comes with a plain Lid made of Polycarbonate Sheet.

Mini Centrifuge Digital

Max. Speed 10000 r.p.m.



Rotor of Micro Centrifuge
6 tubes of 1.5ml/2ml capacity



Rotor of Micro Centrifuge
12 tubes of 0.5ml capacity



Model: T-1

Rs. 22000/- Each + 18% GST

Mini Centrifuge Digital

- Micro processor controlled, Micro-Centrifuge machine (Mini Centrifuge)
- Speed range from 1000 to 10000 r.p.m. in step of 1000.

Technical Specifications

- ▶ Fitted with maintenance free motor (Brushless without carbon)
- ▶ Complete body made of ABS plastic injection moulded.
- ▶ Fitted with 0-15 minute digital timer.
- ▶ Supply completed with 2 standard rotors as under :
 - (i) Angle Rotor 6 micro centrifuge of 1.5ml capacity
 - (ii) Angle rotor 12 micro centrifuge tubes of 0.5ml capacity

Size	Weight
R.P.M.	RCF (x g)
1000	56
2000	223
3000	503
4000	894

Size	Weight
R.P.M.	RCF (x g)
5000	1396
6000	2011
7000	2737
8000	3575

Size	Weight
R.P.M.	RCF (x g)
9000	4524
10000	5585

Mini Centrifuge Non Digital Max. Speed 7000 r.p.m.

*Laby*TM



Rotor of Micro Centrifuge
6 tubes of 1.5ml/2ml capacity



Rotor of Micro Centrifuge
12 tubes of 1.5ml/2ml capacity



Model: T-2

Rs. 8850/- Each + 18% GST

Mini Centrifuge (Non-Digital)

- Micro-Centrifuge machine (Mini Centrifuge).
- Speed fixed 7000 rpm.

Technical Specifications

- ▶ Fitted with high quality motor with carbon brushes.
- ▶ Complete body made of ABS plastic injection moulded.
- ▶ Supply completed with 2 standard rotors as under
 - (i) Angle Rotor 6 micro centrifuge of 1.5ml capacity.
 - (ii) Angle rotor 12 micro centrifuge tubes of 0.5ml capacity.

Cell Wash 96 Wells Plate Centrifuge, max speed 2850 rpm



Swing out head 2 plates of 96 wells



Model: T-6

Rs. 30000/- Each with Rotor + 18% GST

Full body made of ABS plastic Injection Molded from our dies and molds for which Laby is sole Honour including its design.

Specifications

- Fitted with extra long life motor without carbon.
- Programmable speed regulator to control speed in range of 500, 1000, 1500, 2000, 2500, 2850 R.P.M.
- 0 to 99 minutes timer which can be set in interval of 1 minute.
- Supplied with Swingout Rotor to hold 2 plates of 96 wells each.

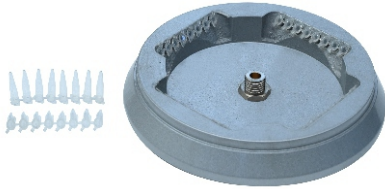
Physical Parameters

▶ Net weight	12.5 kg approx
▶ Gross Weight with box	14 kg
▶ Dimensions of machine	L=395mm, W=360mm, H=280mm
▶ Dimensions of outer box	510 x 510 x 390 mm

Micro Centrifuge 13000 r.p.m. (Microprocessor Based)



Angle Head 8x5ml



Angle Head
4 PCR strips of 96 wells



Angle Head 24x2ml



Model: T-13

Rs. 27400/- Each + 18% GST

Price is without rotor. Price of rotor is mentoned below.

Specifications

- High Speed Micro Centrifuge, Max. r.p.m. 13000 and r.c.f. 13800.
- Heavy duty plastic injection moulded body.
- Stainless Steel protection bowl.
- Fitted with well balance universal motor having long life with high grade carbons.
- 2 Lines of 16 character LCD display of r.p.m., r.c.f., set time and run time.
- Digital timer which can be set from 0-99 minutes in interval of 1 minute.
- Programmable Speed Regulator from 2000 to 13000 in variation of 100 r.p.m.'
- Last test parameter recall and displays automatically on LCD.

Rotors available for T-13 as per customer's choice:-

Capacity	Type of Rotor	Type of Container	Speed RPM	RCF 'g'	Price (in Rs)
24 x 1.5/2 ml	Angular	Plastic	13000	17000 x g	8250/- Each + 18% GST
8 x 5 ml	Angular	Plastic	13000	17000 x g	6800/- Each + 18% GST
4 Strips of 8 x 0.2 ml	Angular	Plastic	13000	17000 x g	12350/- Each + 18% GST

Dimension of Machine	L = 395 mm W = 360 mm H = 280 mm
Weight of Machine	12.5 kg Approx
Gross Weight of Machine	14 kg (with box)

Supply is complete with Head Puller, Spanner, Instruction manual, Cord & Plug to work on 220 Volts 50Hz A.C.

Micro Centrifuge, 16000 r.p.m. (Microprocessor Based)



Angle Head 12x2ml



Model: T-16

Rs. 26700/- Each with Rotor + 18% GST

Specifications

- High Speed Micro Centrifuge, Max. r.p.m. 16000 and r.c.f. 17800xg.
- Heavy duty plastic injection moulded body.
- Stainless Steel protection bowl.
- Fitted with well balance universal motor having long life with high grade carbons.
- 2 Lines of 16 character LCD display of r.p.m., r.c.f., set time and run time.
- Digital timer which can be set from 0-99 minutes in interval of 1 minute.
- Programmable Speed Regulator from 2000 to 16000 in variation of 100 r.p.m.
- Last test parameter recall and displays automatically on LCD.

Supply completed with following accessories:

- Rotor head to accommodate 12 eppendorf/Micro Centrifuge Tubes with cover of 1.5/2ml (12x1.5/2ml)
- Reduction adapters for 0.2/0.5ml eppendorf (Micro Centrifuge Tubes).
- Supply is completed with head puller, spanner, instruction manual, Cord & Plug to Work on 220 Volts 50HzA.C.

▶ Dimension of Machine	L = 395 mm W = 360 mm H = 280 mm
▶ Weight of Machine	12.5 kg Approx
▶ Gross Weight of Machine	14 kg (with box)

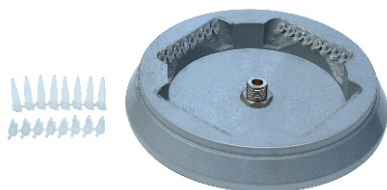
**PREMIUM MODEL
BRUSHLESS MOTOR**



Angle Head 12x2ml



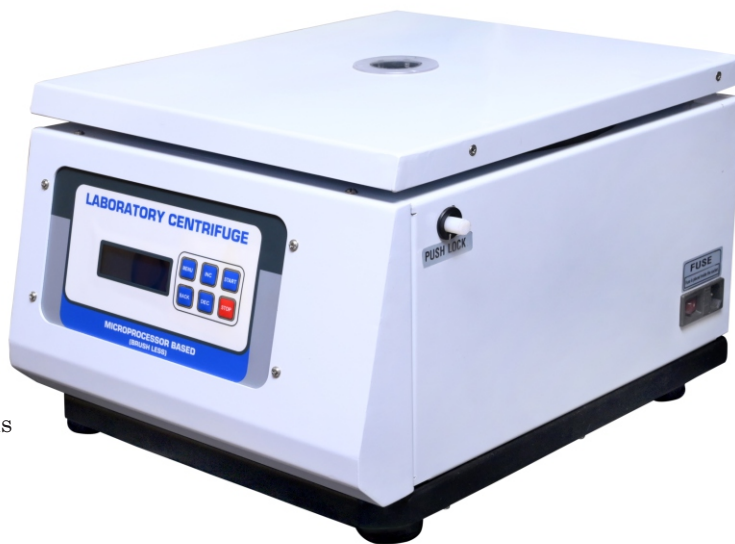
Angle Head 8x5ml



Angle Head
4 PCR strips of 96 wells



Angle Head 24x2ml



Model: T-20 BL

Rs. 54700/- Each + 18% GST

Price is without rotor. Price of rotor is mentoned below.

Specifications

- High speed, bench top, Micro Centrifuge Machine.
- Microprocessor based premium model with maintenance free brushless induction motor.
- Programmable Speed Regulator from 2000 to 20000 in interval of 100 rpm
- Modular design as per International standards.
- Stainless steel protection bowl.
- Fitted with Microprocessor based LCD pannel for 1-99 minutes countdown timer, digital rpm-rcf meter.
- Also featured with dynamic brakes.
- Equipped with Electronic Lid lock, which does not allow to open the lid, when machine is in running condition.
- Imbalance detector.
- 10 programs memory, 3 acceleration and 3 decelerations .

Optional Heads as per customer requirement at extra cost

Capacity	Type of Rotor	Type of Container	Speed RPM	RCF 'g'	Price (in Rs)
▶ 12 x 1.5/2 ml	Angular	Plastic	20000	27000 x g	8850/- Each + 18% GST
▶ 24 x 1.5/2 ml	Angular	Plastic	16000	16800 x g	12350/- Each + 18% GST
▶ 8 x 5 ml	Angular	Plastic	13000	14150 x g	8850/- Each + 18% GST
▶ 4 Strips of 8 x 0.2 ml	Angular	Plastic	13000	14150 x g	12350/- Each + 18% GST

All the above stated heads are supplied with P.P. Centrifuge Tubes, Head Puller, and Spanner.
The 2ml rotor comes with adoptions to accept appendroff tubes of 0.2/0.5ml

Note: The speed of the machine depends upon the type of rotor being used. If rotor is heavy the speed will reduce as per above mentioned table.

Refrigerated Micro Centrifuge

Digital-16000 R.P.M.(Microprocessor Based)



Angle Head 12x2ml



Model: T-50

Rs. 119500/- Each with Rotor + 18% GST

Specifications

- Bench Top Refrigerated Micro Centrifuge Machine
- Heavy duty C.R.C. construction finished with powder coating
- Stainless Steel centrifugal bowl for extra protection and easy cleaning.
- Fitted with well balanced universal motor with having carbon brushes.
- CRC free refrigeration.
- 2 lines, 20 characters. LCD Display for set time, run time set and run rpm, rcf.
- Digital Timer 0-59 minutes
- Programmable Speed Regulator from 2000 to 16000 rpm in variation of 100 rpm.
- Safety lid lock.
- P.I.D. Electronic digital temperature controller cum indicator is fitted to control the temperature of centrifuge bowl from room temp. upto -20°C and shuts off the cooling compressor within accuracy of + 1°C in stand by mode. Means only the centrifuge bowl is cooling and centrifuge motor is in stand by mode.
- Temp. Accuracy when motor is also running is + 2°C

Technical Parameter

▶ Msx Speed	16000 RPM
▶ Max RCF	16800 x g
▶ Motor	Universal Motor (with carbon brushes)
▶ Power	AC 220V 50 Hz 20A
▶ Weight	55 kg Approx
▶ Dimensions	L - 25" x W - 20" x H - 14" approx

Supply complete with following angle rotor heads to accommodate polypropylene micro Centrifuge tubes (Eppendorf Tubes as well)

Rotor Type	Rotor Capacity	Speed on Rotor (RPM)	R.C.F.
▶ Angle Rotor	12 x 1.5/2.2 ml.	16000	16800 x g

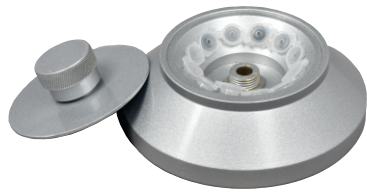
- ▶ Adapters to accept 1.5ml Eppendorf micro-centrifuge tubes.

Refrigerated Micro Centrifuge

Digital-20000 R.P.M.(Brushless Motor)



PREMIUM MODEL BRUSHLESS



Angle Head 12 x 2ml



Angle Head 24 x 2ml



Rs. 159400/- Each with Rotor 12x2ml + 18% GST

Rs. 170500/- Each with Rotor 24x2ml + 18% GST

Model : T-55 BL

Specifications

- Bench Top high speed Refrigerated Micro Centrifuge Machine
- Heavy duty C.R.C. construction finished with powder coating
- Stainless Steel centrifugal bowl for extra protection and easy cleaning.
- Fitted with well balanced brushless motor with electronic drive.
- 4 lines, 20 characters. LCD Display for set time, run time, set and run rpm, rcf and rotor identification.
- Digital Timer 0-99 minutes, lid lock and fast spin option
- Dynamic brake (automatic) and imbalance detector are provided.
- Selection of 3 acceleration + 4 deceleration profile.
- Microprocessor based. Programmable Speed Regulator from 2000 to 20000 in interval of 100 rpm
- Last test parameter recall and displays automatically on LCD
- P.I.D. Electronic digital temperature controller cum indicator is fitted to control the centrifuge temp. from room temp. upto -20°C means shuts off the cooling compressor within accuracy of $\pm 2^\circ\text{C}$.
- Supply completed with, instruction manual, cord & plug to work on 220 volts 50Hz A.C.

Technical Parameter

▶ Max. Speed	20000 R.P.M.
▶ Max. RCF	23000xg
▶ Timer	0-99 Min.
▶ Motor	Brushless Motor
▶ Temp. Range	from room temperature- to -20°C
▶ Temp. Accuracy	$\pm 2^\circ\text{C}$ (at 20000 rpm upto 5 minute operation of centrifuge)
▶ Power	AC 220V 50 Hz 20A
▶ Weight	55 kg. Approx.
▶ Dimension	L-25" x W-20" x H-14" approx.

Machine comes without rotor heads.

Optional rotors can be selected as per customer's requirements are as under

Rotor Type	Rotor Capacity	Speed on Rotor (RPM)	R.C.F.
▶ Angle Rotor	12 x 1.5/2.2 ml.	20000	23000 xg
▶ Angle Rotor	24 x 1.5/2.2 ml.	16000	18000 xg

● **Note:** The speed of the machine depends upon the type of rotor being used. If rotor is heavy the speed will reduce as per above

Refrigerated Micro Plate Centrifuge, 2850R.P.M.(Microprocessor Based)



Swing out head 2 plates of 96 wells



Model: T-65

Rs. 132000/- Each + 18% GST

Specifications

- Bench Top Refrigerated Micro Centrifuge Machine
- Heavy duty C.R.C. construction finished with powder coating
- Stainless Steel centrifugal bowl for extra protection and easy cleaning.
- Fitted with well balanced universal motor with having carbon brushes.
- CRC free refrigeration.
- 2 lines, 20 characters. LCD Display for set time, run time set and run rpm, rcf.
- Digital Timer 1-99 minutes
- Programmable Speed Regulator from 500 to 2850 rpm in variation of 100 rpm.
- Safety lid lock.
- P.I.D. Electronic digital temperature controller cum indicator is fitted to control the temperature of
- Centrifuge bowl from room temp. upto -20°C and shuts off the cooling compressor within accuracy of + 1°C in stand by mode. Means only the centrifuge bowl is cooling and centrifuge motor is in stand by mode.
- Temp. Accuracy when motor is also running is + 2°C




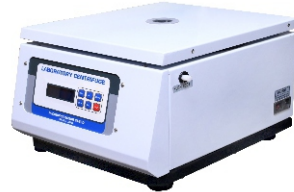








Technical Parameter

▶ Max Speed	2850 RPM
▶ Max RCF	1800 x g
▶ Motor	Universal Motor (with carbon brushes)
▶ Power	AC 220V 50 Hz 20A
▶ Weight	55 kg Approx
▶ Dimensions	L - 25" x W - 20" x H - 14" approx









Price of rotors are extra :-

Capacity	Type of Rotor	Type of Container	Speed RPM	RCF 'g'	Price (in Rs)
▶ 2 Plates of 96 Wells	Swing Out	Plastic	2850	1800 x g	15900/- Each + 18% GST
▶ 4 Plates of 96 Wells	Swing Out	Plastic	2850	1800 x g	21200/- Each + 18% GST

Analytical Centrifuges

<p>Model No : T- 4M</p>  <p>Revolutionary Laboratory Centrifuge 4400 r.p.m</p>	<p>Model No : T- 8M</p>  <p>Revolutionary Laboratory Centrifuge 5200 r.p.m</p>	<p>Model No : T- 10M</p>  <p>Laboratory Centrifuge 10000 r.p.m</p>	<p>Model No : T- 8BL</p>  <p>Revolutionary Laboratory Centrifuge Brushless 6000 r.p.m</p>
<p>Model No : T- 9BL</p>  <p>Universal Laboratory Centrifuge Brushless 6000 r.p.m</p>	<p>Model No : T- 24BL</p>  <p>Universal Laboratory Centrifuge Brushless 20000 r.p.m</p>	<p>Model No : T- 60</p>  <p>Refrigerated Universal Centrifuge 16000 r.p.m</p>	<p>Model No : T- 70BL</p>  <p>Refrigerated Universal Centrifuge Brushless 20000 r.p.m</p>
<p>Model No : T- 90BL</p>  <p>Refrigerated Universal Centrifuge Brushless 20000 r.p.m (High Cap.)</p>	<p>Model No : T- 100BL</p>  <p>Floor Model Refrigerated Centrifuge Brushless 20000 r.p.m (High Cap.)</p>	<p>Model No : T- 15</p>  <p>Hematocrite Centrifuge 13000 r.p.m</p>	<p>Model No : HB - 10</p>  <p>Sahil's Hemoglobinometer</p>

Medical Centrifuges

<p>Model No : M - 4 & M - 5</p>  <p>Medical Centrifuge, (8 Tubes) Brushless, Non-Digital 2850 rpm</p>	<p>Model No : M - 6 & M - 7</p>  <p>Medical Centrifuge, (12 and 16 Tubes) Brushless, Digital 2850 rpm</p>	<p>Model No : M - 8 & M - 9</p>  <p>Medical Centrifuge, (16 & 24 Tubes) Brushless, Digital 2850 rpm</p>	<p>Model No : M-10, M-11 & M-12</p>  <p>Medical Centrifuge, (32, 48 and 64 Tubes) Brushless, Digital 2850 rpm</p>
<p>Model No : CYTY - 8</p>  <p>Cytology Centrifuge Brushless 3000 r.p.m</p>	<p>Model No : P.R.P - 4M</p>  <p>P.R.P. Test Centrifuge 4400 r.p.m</p>	<p>Model No : BBS - 10</p>  <p>Blood Bag Tube Sealer</p>	<p>Model No : PHOTIC - 10</p>  <p>Digital Photoelectric Colorimeter</p>

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