

**PHYSICS, CHEMISTRY, BIOLOGY, LABORATORY GLASSWARE,
ELECTRONICS & ELECTRICAL, ENGINEERING INSTRUMENTS, MICROSCOPES,
MODELS & CHARTS, PHARMACY, MEDICAL INSTRUMENTS & FURNITURE,
CHEMICALS, DAIRY INSTRUMENTS & EQUIPMENTS,
OIL & PETROLEUM EQUIPMENTS, LAB. PLASTICWARES
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COMPANY PROFILE

The Background

LABPRO(R). is a young professional organization founded in 1974 by a team of professionals. The team comprises of Engineers who have experience in various types of laboratory equipments for schools, colleges & Medical fields. **LABPRO(R)-INDIA** is an Organization, which is highly responsive to exceed customer expectation.

Our interests are to provide the customers with outstanding products of Lab Equipments, such as physics, chemistry, Biology, Models, charts and lab Glassware's etc.. value in a Domestic & International global environment.

Started in 1994, a dynamic team of professionals after extensive market survey decided to develop an lab equipments for Schools & college's labs. The products were launched in the market in 1994. Our lab equipments & glassware's were designed to be cost effective, reliable and extremely accurate in performance.

Encouraged by outstanding growth in sales and outstanding customer encouragement LABPRO Export in International market.

The Organization

Being a professionally managed **LABPRO** Equipments is headed by Mr. S. P. Verma as Director and as Founder & CTO (Chief Technology Officer).

LABPRO(R)-staffed is with over 25 years in the field of R & D, Production, Sales, Support and Administration.

L LABPRO(R)- staffs are well experienced, highly qualified with several years of practical exposure /knowledge in the lab equipments and products.

LABPRO(R)-equipments and products to remain self reliant on every front of customer satisfaction.

quality standards.

LABPRO(R)- now owns a state of the office cum production unit at the of Ambala. Products

The following products are manufactured and marketed by **LABPRO(R)**

1. Scientific Laboratory Equipments
2. Agricultural Laboratory Equipments
3. Bio-Technology Lab. Testing Equipments
4. Medical & Hospital Equipments
5. Educational Equipments
6. Physics Lab Equipments
7. Engineering Instruments
8. Chemistry Lab. Equipments
9. Biology Lab. Equipments
10. Lab Glassware's
11. Pharmaceutical Equipments
12. Oil & Petroleum Equipments
13. Lab. Plasticwares'
14. Food & processing Machinery & testing Equipments

LABPRO(R)- now have a website portal in the name of www.psawcatalogue.com & www.popularscientific.com which is a gateway for our customers to the internet. It caters to all customer requirements.

LABPRO(R)- products are well accepted and affordable. The products are competitive in quality, features, reliability, ruggedness, user friendliness and price.

Marketing & Customer Support

LABPRO(R)- primarily treats customer queries with importance. **LABPRO(R)**-marketing team handles customer calls with ease and dedication. You can always get your support by email/ Fax/Telephone. A guaranteed reply is assured within 36 Hours.

Goal

LABPRO(R)- is aiming at achieving a good market share for its products globally. It focuses in operating through efficient distributors across the globe. **LABPRO(R)**- aims at becoming one of the leading manufacturers of Lab Equipments Plan to increase product range with a strong and committed design and development team seems to be an easy task for **LABPRO(R)**-.

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HO5101**(Three Side Heating Elements)**

LABPRO(R)- Standard double wall fabrication, Inner chamber made of richly anodized aluminium or highly polished stainless steel sheet. Exterior fabricated out of thick milled steel duly finished in white stoving enamel/powder coated paint with mat finished colour combinations.

Kanthal wire heating elements provided on three sides to attain quick and uniform heating in range of 50° C to 250° C ± 2° C, controlled by capillary type thermostat. L-Shaped thermometer is built- in type. Control panel is provided with selector switch of high or low rates of power thermometer control Knob and indicator for mains & thermostat. Supplied with cord and plug. The equipment is suitable to operated on 220 VAC 50Hz single phase.

**HO-5101**

	Chamber Size (HxWxD)		No. of Shelves	Cap. Litres	Aluminium Chamber	S.S Chamber
	mm	Inches				
A	300x300x300	(12"x12"x12")	2	28	5700.00	8000.00
B	350x350x350	(14"x14"x14")	2	45	6100.00	8400.00
C	400x400x400	(16"x16"x16")	2	65	8600.00	11400.00
D	450x450x450	(18"x18"x18")	2	95	9700.00	12400.00
E	600x450x450	(24"x18"x18")	2	125	12600.00	18600.00
F	600x600x600	(24"x24"x24")	2	224	15400.00	22200.00
G	900x600x450	(36"x24"x18")	2	252	20500.00	32000.00
H	900x600x600	(36"x24"x24")	2	336	24800.00	39000.00
I	900x900x900	(36"x36"x36")	3	720	39000.00	62000.00

OPTIONAL :-

i)	Air Circulating Fan	2600.00
ii)	Timer 0-24 hours	2800.00
iii)	Digital temp. Indicator-Cum-Controller.	6600.00
iv)	Microprocessor PID Digital temp.	12000.00
v)	Digital Temp. Indicator.	3400.00

HO-5102

LABPRO(R)- Standard sturdy double wall fabrication. Inner & outer chamber made out of thick mild steel sheet. Inner Chamber backed silver paint finish and exterior finished in hammertone. Heavy duty forced air blowers are provided to constantly circulated hot air to achieve uniform temp. In the whole chamber. Double wall door is mounted on heavy hinges and provided the heavy moulded latch. Temperature is controlled by a thermostat and it can be read on dial type thermometer. Temperature range; 50° C to 250° C ± 2° C to 5° C and equipment is workable on 220VAV 50 Hz single phase pr 440 volts AC supply.

**HO-5102**

	Chamber Size (HxWxD)		
	mm	Inches	
A	900 x 600 x 600	(36"x24"x24")	49000.00
B	1200 x 900 x 600	(48"x36"x24")	58000.00
C	1500 x 900 x 900	(60"x36"x36")	79000.00
D	1800 x 1200 x 900	(72"x48"x36")	84000.00

OPTIONAL :-

i)	Timer 0-24 hours.	2800.00
ii)	Digital Temp. Indicator-Cum-Controller.	6600.00
iii)	Digital Temp. Indicator.	3400.00

Note:- Please ask for other capacities of your requirement.

OPTIONAL :

i)	Air Circulating Fan.	2600.00
ii)	Timer 0-24 hours	2800.00
iii)	Digital temp. Indicator-cum-Controller.	6600.00
iv)	Microprocessor PID digital temp. Indicator-Cum-Controller with timer.	12000.00
v)	Digital Temp. Indicator.	3400.00

5108 EGG. INCUBATOR

LABPRO(R)- Outer wall is made of M.S. sheet duly finished in white stoving enamel/powder coated paint with mat finished colour combinations and inside of stainless steel. The gap between inner and outer wall is filled with high grade mineral glass wool. Temperature range from ambient to 70° C is controlled by “EGO” / “JUMO” German capillary type thermostat with an accuracy of ± 0.5° C. The Unit is provided with metal tilting device, so as to tilt the tray holding the eggs. To work on 220/230 volts A.C. supply.



EI-5108

CAPACITY

A	50 eggs.	23000.00
B	100eggs.	33000.00
C	200eggs.	49500.00
D	250eggs.	66000.00

5109

BIO- CHEMICAL OXYGEN DEMAND (Deluxe –Digital Control)

LABPRO(R)- Double wall construction. Inner Chamber made of richly anodized aluminium or highly polished stainless steel sheet. Supplied with two/three removable perforated shelves. Exterior made out of thick mild steel sheet duly finished in white stoving enamel/powder coated paint with finished colour combinations. Outer double wall door is provided with magnetic gasket and lock & key arrangement. Inner door unbreakable acrylic transparent sheet for inspection of material in the chamber without disturbing the chamber temperature. Door operated inner illumination has been provided. Temperature is controlled by Deluxe Digital Controller from 5° C ± 0.5° C. Standard cooling unit with a sealed compressor with protective devices has been provided below the chamber for safe and efficient working. Heating arrangement has been made with in the chamber for higher temperature working. Inner air circulating system is provided to achieve uniform temperature. A control panel is provide with various indicators, on-off switch. Supplied with cord and plug etc. To work on 220VAC Hz single phase.



BOD-5109

	Inner Chambers Size in mm W x D X H	Capacity in Cu.ft.	Capacity	Aluminium Chamber	S.S Chamber
A	455x410x610	4cu.Ft.	112ltrs.	44000.00	50600.00
B	505x415x830	6.1cu.ft.	171ltrs.	52800.00	62700.00
C	565x565x865	10 cu.ft.	280ltrs.	65000.00	76000.00
D	650x580x900	12 cu.ft.	336ltrs.	71500.00	80000.00
E	700x650x900	15 cu.ft.	420ltrs.	78000.00	92000.00

OPTIONAL :

i)	Timer 0-24 hours day night cycle.	2800.00
ii)	Co2/air mixer nozzle is provided.	1200.00
iii)	Internal illumination with 3 fluorescent tubes.	6600.00
iv)	Digital temp. Indicator-cum-Controller.	6600.00
v)	Microprocessor PID digital temp. Indicator-cum - Controller with digital	12000.00
vi)	Automatic Voltage Stabilizer 3-5 KVA (Recommended –must.)	10000.00

110 ORBITAL SHAKING INCUBATOR CUM-B.O.D. INCUBATOR

Standard double wall Construction. Outer Chamber made out of mild steel finished in white stoving enamel/powder coated paint with mat finished colour combinations. Inner chamber made of stainless steel sheet. The double door is provided with double glass full view window. Interchangeable platform has been provided. Temperature range 5°C above ambient to 60°C controller with light arrangement. Variable speed control regulator controls the speed up to 200rpm supplied complete to work on 220V AC 50Hz single phase. Capacity 16x500ml conical flasks.



LABPRO-110

A	Capacity 16x500ml. Flax temp. 5° above ambient to 60° C.	83000.00
B	Same as PSAW-109 but temperature range 5° C to 60° C with Lighting Arrangement to hold 16 flasks 250ml or 500ml	108000.00

OPTIONAL :

i)	Timer 0-24 hours day night cycle.	2800.00
ii)	Digital temp. Indicator-cum-Controller.	6600.00
iii)	Microprocessor PID digital temp. Indicator-cum-Controller with timer	12000.00
iv)	Automatic Voltage stabilizer 3KVA (recommended must).	10000.00

110B

Temperature range 5°C to above ambient temp to 60°C, controlled by digital temperature controller but without humidity arrangement.

Available Sizes (WxHxD)

1.1 x 2.3 x 1.1 meter	460000.00
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110D

Temperature range 10°C to 60°C. With controlled humidity up to 95%±5%.

Available Sizes (WxHxD)

1.1 x 2.3 x 1.1 meter	671000.00
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111 "LABPRO" SEROLOGICAL WATER BATH (THERMOSTATIC WATER BATH)

Temperature range from ambient temperature to 80° C. Thermostatic control with accuracy of ± 0.5° C to 1° C. Double walled, inside stainless steel and outside mild steel painted in epoxy powder coating. Bath consists of two pilot lamps. Temperature control knob and on/off switch. To work on 220/230 volts A.C. Supplied with or without stirring arrangement, without racks and thermometer. Lid of water bath is made of stainless steel sheet.



LABRRO-111

	Size Inside Chamber (Stainless Steel)	Cap. (Approx)	
A	300x175x175mm (Suitable for 1 racks)	12ltrs.	4100.00
B	300x250x175mm (Suitable for 2 racks)	14ltrs.	4600.00
C	375x300x175mm (Suitable for 4 racks)	18ltrs.	6200.00
D	455x300x175mm (Suitable for 6 racks)	25ltrs.	7700.00
E	605x300x175mm (Suitable for 8 racks)	32ltrs.	9400.00

OPTIONAL :

i)	Digital temp. Indicator –cum-Controller.	6600.00
ii)	Microprocessor PID digital temp. Indicator – Cum-controller with timer	12000.00
iii)	Stirrer with 1/20 H.P. High speed motor with stainless stirring rod and blade.	2600.00
iv)	Digital Temp. Indicator.	3400.00

111A

For B.R.Reflectometers

5600.00

112 "LABPRO" WATER BATH RECTANGULAR (DOUBLE WALL)

(Thermostatic Control)

Temperature range from ambient temperature to 95° C. Thermostatic control with an accuracy of $\pm 1^{\circ}\text{C}$. Double walled, inside stainless steel and outside mild steel sheet painted in epoxy powder coating. Top of the bath and concentric rings of stainless steel. To work on 230/230 volts A.C.

Size inside Chamber (Stainless Steel) Capacity (Approx.)

300x250x100mm	6 holes of 75mm dia.	8ltrs.	4800.00
355x405x100mm	12 holes of 75mm dia.	15ltrs.	6600.00



LABPRO-112

OPTIONAL :

i)	Digital temp. Indicator-cum-Controller.	6600.00
ii)	Microprocessor PID digital temp. Indicator- Cum-Controller with timer	12000.00
iii)	Stirrer with 1/20H.P. High Speed motor with Stainless steel stirring Rod and blade.	2600.00
iv)	Digital Temp. Indicator.	3400.00

113 "LABPRO" WATER BATH RECTANGULAR (SINGLE WALL)

Made of stainless steel sheet. Top of the bath and concentric rings are of stainless steel. Heating elements have an automatic cut off device when the bath gets dry. Electrically operated on 220/230 volts A.C.

Size inside Chamber (Stainless Steel) Capacity (Approx.)

A	300x250x100mm	6 holes of 75mm dia.	8ltrs.	3000.00
B	355x405x100mm	12 holes of 75mm dia.	15ltrs.	4200.00



LABPRO-113

114 "LABPRO" WATER BATH PRECISION (CONSTANT TEMP. CONTROL)

Construction is as per BDI-57. But with glass windows on both opposite sides for observation. Temperature controlled by mercury contact the thermometer with a sensitivity of $\pm 1^{\circ}\text{C}$. Suitable for precision laboratory activities requiring constant temperature with high degree of accuracy. Complete with stirrer, workable on 220V AC 50 Hz single phase.

Chamber Size

A	425x250x225mm	(17"x10"x9")	16000.00
B	450x375x375mm	(18"x15"x15")	19800.00
C	600x450x450mm	(24"x18"x18")	26000.00

OPTIONAL :

i)	Digital temp Indicator-cum-Controller instead of contact thermometer.	6600.00
ii)	Microprocessor PID digital temp. Indicator- cum-Controller instead Of Constant thermometer with timer	12000.00

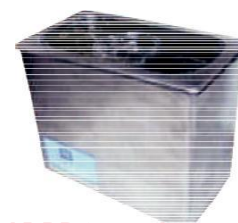


LABPRO-114

114A ULTRA SONIC BATH

Chamber Size

A	9" x 5" x 2.5"	1.6 Liter	26400.00
B	12" x 6" x 4"	3.6 Liter	38000.00
C		Cap. 6 ltr.	52800.00
D		Cap. 9 ltr.	61600.00



LABPRO-114A

114B

Thermostatically controlled. Double walled with cups and selves for glass tubes. Temperature upto 95oC with an accuracy of + 0.5oC to + 1oC. Stainless steel.

- A** 4cups & 6 sleeves.
- B** 6 cups & 8 sleeves.
- C** 12Cups & 14 sleeves.

4800.00

5280.00

7400.00 **LABPRO-114B**



115 "LABPRO" WATER BATH TISSUE FLOTATION

Double wall round construction. Inner Chamber Stainless Steel/ black anodized aluminium and Outer made out of mild steel painted in epoxy powder coating. Thermostatic Control. Temp. Range 5° C above ambient to 80°C ± 1° C. Complete with indicators, wire & plug. To work on 220V.A.C. without Thermometer.

	DIA		DEPTH	
A	200mm	x	75mm	3800.00
B	250mm	x	125mm	4400.00

3800.00

4400.00



LABPRO-115

116 "LABPRO" OIL BATH (HIGH TEMPERATURE)

Double Wall Construction. Inner Chamber made of highly polished stainless steel sheet and the outer is made of mild steel duly finished in white stoving enamel/powder coated paint with mat finished colour combinations. Temperature range 50° C to 250° C is controlled by a thermostat. Supplied complete with stirrer, diffuser shelves, cover etc.

Chamber Size

A	250x250x250mm	(10"x10"x10")	10600.00
B	300x300x250mm	(12"x12"x10")	11000.00
C	350x350x250mm	(14"x14"x10")	14000.00

10600.00

11000.00

14000.00

OPTIONAL :

i)	Mercury contact thermometer and relay with accuracy better than 1°C.	2400.00
ii)	Digital temp. Indicator-cum-controller.	6600.00
iii)	Microprocessor PID digital temp. Indicator-cum- Controller with timer	12000.00
iv)	Digital Temp. Indicator.	3400.00

2400.00

6600.00

12000.00

3400.00



LABPRO-116

117 " LABPRO" UNIVERSAL WATER BATH (DUAL PURPOSE)

Useful for dual purpose. It is a combination of serological and routine rectangular water bath. With holes and concentric rings. Standard double wall construction. Inner Chamber made out Highly polished stainless steel sheet and exterior made out of thick mild steel duly finished in Stoving enamel/power coated paint. Immersion heaters are provided for heating to attain temp. range from 5°C above ambient to 95°C ± 1°C.The equipment to work on 220 v AC 50 Hz single phase.

Chamber Size in mm & Inches Capacity (Approx.)

A	300x225x175mm (12"x9"x7")	14ltrs.	6200.00
B	450x300x175mm (18"x12"x7")	25ltrs.	8400.00

6200.00

8400.00

OPTIONAL :

i)	Stirring arrangement with Stainless Steel rod & blades.	2600.00
ii)	Digital temp. Indicator.	3400.00
iii)	Digital temp. Indicator-cum-Controller.	6600.00
iv)	Microprocessor PID digital temp. Indicator-cum-Controller	12000.00

2600.00

3400.00

6600.00

12000.00

118 "LABPRO" CONSTANT TEMPERATURE REFRIGERATION-LIQUID BATH

Standard double wall construction. Inner chamber made out of thick highly polished stainless Sheet. Temperature range 5°C to 90°C and controlled by a sensitive mercury contact thermo-meter with accuracy of ± 1°C. Fitted with a stirrer, and FHP pump for circulating the cold liquid To the external equipment.

Chamber size	Capacity (Approx.)	
A 500x250x250mm	32ltrs.	64000.00



LABPRO-118

119 "LABPRO" REFRIGERATED LIQUID BATH

Standard Construction, inner Chamber made out of stainless steel sheet with digital temp. Controller-cum-indicator. Temperature can be controlled from range minus (-) 20°C to plus (+) 20°C.

Chamber Size	Capacity (Approx.)	
A 450x300x300mm	42ltrs.	73000.00

120 "LABPRO" WATER BATH INCUBATOR SHAKER (METABOLIC SHAKING INCUBATOR)

Temperature range from ambient to 90oC this is double walled unit inside made of thick S.S. Sheet and outside M.S. Powder Coated, supplied complete with shaking tray, water bath cover to work on 220 volt 50 Hz. A.C. Supply.

Shaking Tray Size (Stainless Steel)	Capacity (Approx.)	
A 275x275x150mm	12ltrs.	27500.00
B 405x300x150mm	18ltrs.	33000.00



LABPRO-120

OPTIONAL :

i) Digital temp. Indicator.	3400.00
ii) Digital temp. Indicator-cum-Controller.	6600.00
iii) Microprocessor PID digital temp. Indicator-cum-Controller.	12000.00
Shaking tray for 25ml, 50ml, 100ml, 250ml 500ml And 25mm	2400.00
iv) Dia.test tubes or Conical flasks.	

121 "LABPRO" WATER STILL (MANASTY TYPE)

Wall Hanging casted aluminium vessel is electrically operated for getting pyrogen-free distilled water automatically. Wall hanging arrangement is provided. The condenser is seamless . Fitted With automatic ejection device which operates automatically when water vessel gets dried. The baffle cup and condenser are made out of thick stainless steel sheet.

Output Capacity (Approx.)	
A Output approx. 2 liters per hour.	7000.00
B Output approx. 3 to 4litres per hour.	8800.00
C Output approx. 5 to 6litres per hour.	10000.00



LABPRO-122

122 "LABPRO" WATER STILL (MANASTY TYPE)

Wall Hanging casted S.S. vessel is electrically operated for getting pyrogen-free distilled water automatically. Wall hanging arrangement is provided. The condenser is seamless . FittedWith automatic ejection device which operates automatically when water vessel gets dried. The baffle cup andcondenser are made out of thick stainless steel sheet.

Output Capacity (Approx.)

A	Output approx. 2 liters per hour.	3900.00
B	Output approx. 3 to 4litres per hour.	4200.00
C	Output approx. 5 to 6litres per hour.	5500.00

123 "LABPRO" WATER STILL (BARNSTEAD TYPE) TABLE TOP

S.S.double wall body

Output Capacity (Approx.)

A	Output approx.8 to 9lites per hour	33000.00
B	Output approx.15 to 16litres per hour	57200.00
C	Output approx. 25 to 26liters per hour	99000.00



LABPRO-123

125 "LABPRO" RECTANGULAR MUFFLE FURNACE (LABORATORY MODEL)

Outer Shell made out of thick mild steel duly finished in attractive stoving enamel/powder coated paint. Fitted with grooved refractory for supporting the heating elements made out of Kanthal wire and are easily replaceable. Maximum temp. 1000°C and working temp.900°C controlled by SUNVIC energy regulator. Complete with indicators, pyrometer, thermocouple, thermal fuse etc, Workable on 220VAC 50Hz single phase.

Inner Muffle size in mm & inches

A	225x100x100	(9"x4"x4")	11200.00
B	250x125x125	(10"x5"x5")	12100.00
C	300x125x125	(12"x5"x5")	15000.00
D	300x150x150	(12"x6"x6")	15400.00
E	300x200x200	(12"x8"x8")	24200.00
F	350x175x125	(14"x7"x5")	25300.00
G	475x175x125	(19"x7"x5")	28600.00
H	450x225x225	(18"x9"x9")	35200.00



LABPRO-125

OPTIONAL :

i)	Digital temp. Indicator-cum-Controller instead of energy regulator and pyrometer.	6600.00
ii)	Microprocessor PID digital temp. Indicator-cum-Controller Instead of energy Regulator, pyrometer.	12000.00

126 "LABPRO" MUFFLE FURNACE 1200°C. (INDUSTRIAL)

The Furnace is insulated the ceramic fibre blanket of high density for better insulation. The furnace can run continuously at 1150° C, trouble free. The Furnace is quick heating type, light in weight, table mounting type, compact elegant in design. Outer painted in epoxy powder coating.The hinged type swing door insulated with ceramic fibre to avoid heat losses from the door. The Furnace is fitted with digital temperature controller-cum –indicator to avoid over heating for long life and trouble free working. The panel is fitted at the top of the furnace.

Inner Muffle size in mm & inches

A	225x100x100mm	(9"x4"x4")	26400.00
B	250x125x125mm	(10"x5"x5")	28600.00
C	300x150x150mm	(12"x6"x6")	35200.00
D	300x200x200mm	(12"x8"x8")	41800.00
E	450x225x225mm	(18"x9"x9")	57200.00

OPTIONAL :

i)	Microprocessor PID digital temp. Indicator-cum-Controller instead of energy regulator, pyrometer.	12000.00
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LABPRO-126

127 "LABPRO" MAGNETIC STIRRER

(With Hot Plate Heavy Duty Permanent Magnet)

It has a compact stirring device utilising magnetic field (Created by a PERMANENT MAGNET) Which induces variable speed stirring action. Stirring is accomplished by mean of small Teflon rotor, which when placed to be stirred is capable or rotation by magnetic filed applied from below the Container. The unit is fitted with pilot lamp. Works on 220/230 volts A.C.

Capacity

- A** 1 liter
- B** 2 liter
- C** 5 liter

2600.00
2700.00
4400.00



LABPRO-127

128 "LABPRO" LABORATORY STIRRER

The motor stirrer having maximum speed up to 4000 r.p.m. Unit is clamped to C.P. rod fitted on a Heavy cast iron base. The height and angle of the stirrer can be adjusted according to the requirement. Variable speed motor with 1/20 H.P. Regulator is fitted with S.S. stirrer rod to give smooth and noiseless operation.

5300.00

OPTIONAL :

- A** Automatic 0-60minutes Timer

1200.00



LABPRO-128

129 "LABPRO" TISSUE HOMOGENISER

1/20 H.P. motor speed controlled. Complete with tissue homogenizing cup and rod is made of stainless steel.

- A** Homogenizing Vessel 25ml
- B** Homogenizing Vessel 50ml
- C** Homogenizing Vessel 100ml

5800.00
6200.00
7500.00



LABPRO-129

130 "LABPRO" HEATING MANTLE

It with stands high temperature up to 350°C. The body of the mantle is spun in one piece from non-rusting aluminum (Up to 5.0 liters capacity) duly finished in white stoving enamel/powder coated paint with mat finished colour combinations. All heating mantles are lagged with special grade mineral wool. Works on 220/230 Volts A.C.

Capacity	Wattage	Spare Mantle	Complete
A 50ml	60	170.00	1100.00
B 100ml	60	180.00	1100.00
C 250ml	150	200.00	1200.00
D 500ml	200	260.00	1350.00
E 1litrs	300	320.00	1650.00
F 2litrs	450	450.00	1900.00
G 3litrs	450	520.00	2200.00
H 5litrs.	600	700.00	3300.00
I 10litrs.	2x500	1200.00	5300.00
J 20litrs.	4x500	1750.00	7040.00



LABPRO-130

131 "LABPRO" HOT PLATE

Body is fabricated out of thick mild steel sheet duly finished in white stoving enamel/powder coated paint with mat finished colour combinations. The hot plate made of cast iron or top is made of highly polished stainless steel

Sheet precisely machined & smoothed duly finished in heat resistant black paint if firmly mounted on the body. Heavy duty heating elements are securely layed under the plate to operate on 220V AC 50 HZ single phase. Temp is controlled by a three heat rotary switch//energy regulator as per demand.

- A** HOT PLATES : (ROUND) SINGLE 20cms (8") dia.Moulded top. **1600.00**
 - B** HOT PLATES : (ROUND) DOUBLE Two Plates of 20cm (8") dia. **3100.00**
 - C** HOT PLATE: (COIL TYPE) 20cm(8") dia. **1900.00**
- Note : Sunvic energy regulator extra cost.**



LABPRO-131

131D "LABPRO" HOT PLATE (RECTANGULAR)

Specification as LABPRO-75 but plate is rectangular in shape.

Following Standard Sizes are available:

- A** 30x25cm (12"x10") **2400.00**
 - B** 40x25cm (16"x10") **3300.00**
 - C** 45x30cm (18"x12") **4200.00**
 - D** 60x45cm (24"x18") **8800.00**
- Note : Sunvic energy regulator extra cost.**



LABPRO-131 D

132 "LABPRO" SLIDE WARMING TABLE

Temperature range ambient temp. to 70° C i.e. below the melting point of wax. The temperature is thermostatically controlled. The body is made our of thick mild steel duly finished in white stoving enamel/powder coated paint with mat finished colour combinations and top is made of highly polished aluminum sheet. To work on 220VAC 50 Hz single phase.

	Top Plate Size (Length x Width)	Al. Top	S.S.Top
A	30x25cm (12"x10")	1800.00	2000.00
B	40x25cm (16"x10")	2700.00	3100.00
C	45x30cm (18"x12")	3500.00	3900.00
D	60x15cm (24"x6")	3500.00	3900.00



LABPRO-132

133 "LABPRO" ROTARY SHAKER (VDRL ROTATOR)

Variable Speed Carrier Size 13" x 13" fitted with geared motor with concentric motion along with time switch range 0 to 15 minutes. Operated on 220/230 volts. WITH TIMER.

7000.00



LABPRO-133

133A

WITHOUT TIMER

6000.00

134 "LABPRO" SHAKING MACHINE (WRIST ACTION)

Heavy cast iron base with sturdy construction with two arms for holding flasks. A heavy duty fractional motor with variable speed through continuously variable speed controller is provided. The holder can hold flasks of capacity 100 to 1000ml. Supplied complete with cord & plug etc. To work on 220V AC 50Hz single phase. Speed 80-280 oscillations per minute.



LABPRO-134

Capacity of holding

A	4 flasks.	12100.00
B	8 flasks.	13700.00
C	12 flasks.	15400.00

OPTIONAL :

i)	Automatic 0-60 minutes timer.	1400.00
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135 "LABPRO" VORTEX SHAKER/CYCLOMIXER (TEST TUBE SHAKER)

Useful for accelerated mixing of solutions in test tubes, small flasks or centrifugal tubes etc. The housing is 150x150mm. The speed is regulated by a speed control devices. Shorts eccentric strokes motor imparts vigorous agitation to the tubes or flasks. Body is strong and finished in white stoving enamel/powder coated paint with mat finished colour combinations. The equipment is workable on 220V AC 50 Hz Single phase.

A		3500.00
B	Touch of finger	4400.00



LABPRO-135

136 "LABPRO" RECIPROCATING SHAKING MACHINE (KAHN RACK TYPE)

Designed for shaking KAHN racks, bottles, flasks or different size by adjusting compartments. Fitted with heavy duty motor to work on 220V, AC 50Hz single phase. The rate of motion is adjustable mechanically by belt tension. Speed is fixed in same models to approximately 275.

	Size of Carrier	Strokes/min	Motor	Body Type	
A	20"x13"x4"	275	0.25 HP	Fixed Speed	16500.00
B	20"x13"x4"	150 to 250	0.25 HP	Covered	18000.00
C	31"x17"x4"	150 to 250	0.25 HP	Covered	18500.00
D	36"x18"x4"	150 to 250	0.50 HP	Covered	20800.00



LABPRO-136

OPTIONAL :

ii)	0-60 minutes timer.	1400.00
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Note: Shaking machines of other specification can be offered on demand.

137 "LABPRO" ROTARY SHAKER (PLATFORM TYPE)

This is a compact bench top model with platform fitted with rubber discs for continues shaking of solution in flasks of various sizes, mounted on a heavy angle iron frame speed is controlled by electronic speed controller.

	Platform Size	Holding Cap.	Motor HP	
A	45x45cm	25 flasks of 100ml	0.25	15400.00
B	45x45cm	15 flasks of 250ml	0.25	14300.00
C	55x55cm	25 flasks of 250ml	0.25	19800.00
D	65x65cm	36 flasks of 250ml	0.25	28600.00
E	90x90cm	49 flasks of 250ml	1.00	39600.00
F	100x100cm	81 flasks of 250ml	1.00	51700.00
G	100x100cm	81 flasks of 500ml	1.00	55000.00



LABPRO-137

OPTIONAL :

ii)	0-60 minutes timer.	1400.00
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NOTE:- Specific Sizes & capacities can be offered on demand.

137A

Rotary vacuum Buchi Evaporator Buchi type advanced modal provided with thermostatically controller with bath, capacity 1 litre. **45500.00**

137B "LABPRO" ROTARY VACUUM BUCHI EVAPORATOR

with digital controller cum Display **50600.00**

137C "LABPRO" SIEVE SHAKER GRATORY

20900.00

OPTIONAL :

Timer 0-60 minutes **1400.00**

138A "LABPRO" MELTING POINT APPARATUS

2200.00

138B "LABPRO" MELTING POINT APPARATUS WITH COOLING PLUG

4400.00

138C

Automatic Microprocessor Controlled Miniature Furnace Type, Temp. Range upto 350°C, suitable for Melting Point. The instruments basically consists of a miniature furnace with Auto controlled heating rate arrangement, an air circulation arrangement and a digital temp. indicating circuitry with necessary controls, temperature at the melting point is latched on the digital display and furnace is automatically cut-off. The instrument gives audio & visual indications, on reaching the temp. at which the sample melts. The temp. indicating point of the sample remains displayed on the panel till the switch is "RESET" is operated. Not suitable for Dark colored samples. Opto-coupled light transmission based.

Sample required to be transparent at the time of melting. Suitable for Melting point, recommended for melting range 350 °C, Readability °C, resolution 1°C, Programmable, Automatic ramp rate proceeding, auto gradient rate of Heating control, sample capacity 1 sample, with cooling arrangement of furnace.

"Operation Fully Automatic Sample C" Sample fill and forget" all the selection of programming is fully protected from power failure including Hold action of melting temperature once the start action is initiated it will reach to fine out the melting point of sample even multiple time power failure.

38900.00

138E

Visualization Technique : Suitable for Dark colored/any colored samples.

Silicon Oil Bath Heating type, temp. range upto 300°C, suitable for Melting/Boiling Point, Readability in °C , Resolution 1°C, Programmable, visual provision by optical magnifier, automatic ramp rate proceeding, Auto Gradient rate of heating control, Sample capacity 3 samples. The unit consist of a built in magnetic stirrer, glare free background illuminator and cylindrical silicon oil bath. The silicon oil bath consists of a plain cylindrical container of corning glass having capacity of about 200ml. It is furnished with a teflon cover fitted with special type of oil immersion heater, having three small holes for holding the capillaries, one big hole for thermometer and another big hole for boiling point tube/temp. sensors for calibration purpose.



LABPRO-137C



LABPRO-138A

A variable speed stirrer is fitted in it. The apparatus can be used for determination of boiling points, temp. effect on viscosity/flow points and molecular weights by Rast's method with suitable accessories. **Melting view** : Magnifying display of melting operation with the help of adjustable magnifying glass, Melting point reading hold on by activating the "HOLD" key & reading is protected from power failure till "RESET" is not activated.

27000.00

139 "LABPRO" PIPETTE WASHER (AUTOMATIC)

4400.00

140 "LABPRO" MEDICO/CLINICAL CENTRIFUGE

Electrical operated dome type sturdy stable heavy body with resiliently mounted motor working on 220V AC 50Hz single phase for vibration free performance with built in 5-speed regulator and non-removable swing out rotor. Complete with tube carries. Maximum speed 3500 RPM. Neatly finished in stoving enamel.

Capacity

- A 4x15ml tubes.
- B 6x15ml tubes.
- C 8x15ml tubes.

2200.00
2700.00
3100.00



LABPRO-140

140A

4000 to 5000 r.p.m. fitted with electronic solid state speed regulator top cover made of transparent acrylic sheet cord & plug.

Capacity

- A 4x15ml Tubes.
- B 6x15ml Tubes.
- C 8x15ml Tubes.
- D 12x15ml Tubes.

8800.00
9900.00
11000.00
11600.00



LABPRO-140A

OPTIONAL :

- i) Automatic Timer (Manual)
- ii) Automatic timer (Digital)
- iii) Speed Meter (Manual)
- iv) Speed meter (Digital)

1400.00
5300.00
2500.00
5300.00

141 "LABPRO" VACUUM PUMP

We have the speciality in the manufacturing of high vacuum pumps. The material and technology used in such pumps is latest and gives high performance in all types of laboratory use with special high quality motor for hours of service, properly coupled with and on base.

Capacity

- A 32lt/mm
- B 50lt/mm
- C 75lt/mm
- D 100lt/mm

Motor

- 0.25 hp
- 0.25 hp
- 0.25 hp
- 0.50 hp

Single Stage

13000.00
16000.00
19000.00
24000.00

Double Stage

17000.00
22000.00
23000.00
34000.00



LABPRO-141

OPTIONAL :

- i) Vacuum Gauge with regulator.
- ii) Belt guard
- iii) Moisture Trap.
- iv) Non-returnable Value.
- v) Air Blast

1800.00
1000.00
6600.00
3100.00
3300.00

141A "LABPRO" VACUUM PUMP OIL FREE

	Capacity	Motor
A	15 Litres	1/16hp
B	25 Litres	1/8hp
C	45 Litres	1/4hp

9000.00
12000.00
17000.00



LABPRO -141A

"LABPRO" SOXHLET EXTRACTIONS UNITS (MANTEL TYPE) WITHOUT GLASS PARTS

A	The Unit of 3 mantles rating 600 watts.
B	The Unit of 6 mantels rating 1200 watts.

4000.00
5300.00

"LABPRO" SOXHLET EXTRACTIONS UNITS : (HEATER 142A TYPE)

A	A Unit of 3 heaters.
B	A Unit of 6 heaters.

4000.00
5300.00



LABPRO -142

"LABPRO" SOXHLET EXTRACTIONS UNITS : (HOT PLATE 142B TYPE)

A	A Unit of 3 Hot Plates
B	A unit of 6 Hot Plates.

4400.00
7300.00

142C

I. Single Wall – Chamber made of stainless steel

A	A Unit 3 baths.
B	A Unit of 6 Baths.

3100.00
5100.00

II. Double Wall –Inner Chamber Made of Stainless Steel.

A	A Unit of 3 baths
B	A unit of 6 baths.

4800.00
6600.00



LABPRO -143 (I)

143 "LABPRO" KJELDHAL UNITS (WITHOUT GLASS PARTS)

I) KJELDHAL DIGESTION UNITS :

A	Unit of 3 tests (Heater type)
B	Unit of 6 tests (Heater type)
C	Unit of 3 tests (Mantle type)
D	Unit of 6 tests (Mantle type)

4400.00
5500.00
4400.00
5700.00



LABPRO -143

II) KJELDHAL DISTILLATION UNITS :

A	Unit of 3 tests (Heater type)
B	Unit of 6 tests (Heater type)
C	Unit of 3 tests (Mantle type)
D	Unit of 6 tests (Mantle type)

6000.00
9200.00
6100.00
9900.00



LABPRO -143 (III)

III) KJELDHAL DIGESTION & DISTILLATION UNITS (COMBINED) :

A	Unit of 3 tests (Heater type)
B	Unit of 6 tests (Heater type)
C	Unit of 3 tests (Mantle type)
D	Unit of 6 tests (Mantle type)

9800.00
14700.00
10200.00
18700.00

IV) COD DIGESTION WITH DIGITAL TEMP. CONTROLLER+DIGITAL TIMER

40700.00

V) -DO- SAME BUT WITH GLASS PART

48400.00

143A

This Block is comprised of an outer case with heater and thermostat, fitted with aluminium blocks drilled to accept test tubes if 25mm dia. Temperature control by mean by thermostat. Outside painted in epoxy powder coating. Outer case is insulated and ventilated. Temperature range 90°C. to 300°C. The Chamber has 40 holes to accept 25mm dia. Test tubes.

27500.00

OPTIONAL :

i) Digital Temp Indicator-cum –Controller.

6600.00



LABPRO -143 (IV)

144 “LABPRO” AUTOCLAVE LABORATORY (PORTABLE)

Suitable for general laboratory use and sterilization. Stainless steel or aluminium vertical body. Pressure range 15 psi. Domed cover can be sealed by joint-less gasket which is clamped to the vessel by wing nuts by hinged bolts which engage slotted lugs on rim of the cover. Provided with dial pressure gauge. Spring loaded safety value has threaded cap for pressure adjustment. Supplied complete with plug & cord us suitable to work on 220V AC 50Hz single phase.

Sizes : Dia x height in mm

	Aluminium	S.S.
A 300 x 300mm (Seamless)	5100.00	7500.00
B 300 x 375mm (Joined)	6200.00	8400.00
C 300 x 500mm (Jointed)		11000.00



LABPRO -144

145 “LABPRO” AUTOCLAVE (VERTICAL) DOUBLE WALL

A versatile, electrically heated sterilizer under saturated steam of adjustable pressure of 10 to 20 psi. Double walled construction with boiler & steam jackets made of thick stainless steel. The outer Chamber is made our of thick mild steel/stainless steel. The lid is made out of thick stainless steel plate (Joint less) or gunmetal and can be sealed by a joint less neoprene rubber gasket by wing nuts through hinged bolts by engaging slotted lugs on rim of the cover. Provided with dial pressure gauge, air/steam release cock, spring loaded safety value adjustable to any required point from 10 psi to 20 psi with accuracy ± 3 psi. All autoclaves are fitted with standard accessories, such as, a drain cock, pressure gauge, steam release cock, spring loaded safety value and heating element, but supplied without dressing bins.

Chamber Size in Dia x Depth	Load	Cap. (Approx.)	Inner Outer M.S.	S.S.Inner Outer S.S.
A 250x450mm	2KW	22ltrs.	30800.00	35200.00
B 300x500mm	3KW	40ltrs.	35200.00	41800.00
C 350x550mm	4KW	50ltrs.	44000.00	50600.00
D 400x600mm	5KW	78ltrs.	53900.00	63800.00
E 450x600mm	5KW	98ltrs.	63800.00	77000.00
F 550x750mm	6KW	152ltrs	88000.00	99000.00



LABPRO -145

OPTIONAL :

i) Automatic low-water level cut off-device.	7200.00
ii) Pressure Control Switch.	7700.00
iii) Water level arrangement.	2200.00
iv) Dressing bins for various size.	P.O.R.
v) Radial Lock	7100.00
vi) Digital temp. Indicator.	4000.00



LABPRO -145A

145A

Most useful for sterilizing the loaded material under a steam pressure of 10 to 20 psi (adjustable). It has inner chamber, steam jacket and outer wall made of S.S. duly argon arc welded. The space between outer wall and steam jacket is filled with high grade glass wool to minimize the temperature loss. The lid is made of thick stainless steel and closed by radial type closing arrangement. Fitted with a gasket made up of neoprene rubber, safety value. Drain cock, water inlet, water level indicator, steam release value, pressure gauge, pedal lifting device and S.S. basket. Supplied complete with cord and plug to work on 220/440 volt A.C. Supply. And supplied without dressing bins.

	Chamber Size in Dia x Depth	Load	Capacity (Approx.)	Radial Lock Inner Outer S.S.
A	250x450mm	2KW	22ltrs.	79200.00
B	300x500mm	3KW	40ltrs.	92400.00
C	350x550mm	4KW	50ltrs.	99000.00
D	400x600mm	5KW	78ltrs.	106000.00
E	450x600mm	5KW	98ltrs.	121000.00
F	550x750mm	6KW	152ltrs.	150000.00

OPTIONAL :

i) Automatic low-water level cut off-device.	7200.00
ii) Pressure control Switch.	7700.00
iii) Dressing bins of various Size.	P.O.R.



LABPRO -146A

146A

Cylindrical (triple walled) inner/outer chamber made of thick S.S fitted with automatic pressure control switch and automatic low water level cut off device. Lid made of S.S with radial lock to work on 440 volts 3 phase supply.

	Chamber Size in Dia x Depth	Load	Capacity (Approx.)	Inner S.S Outer M.S.	Inner Outer S.S.
A	400X600mm	6KW	78ltrs	266200.00	286000.00
B	400x1100mm	9KW	162ltrs	301500.00	327800.00
C	500x900mm	9KW	165ltrs.	292600.00	327800.00
D	500x1200mm	9KW	221ltrs.	327800.00	363000.00

147 "LABPRO" SEED GERMINATOR (SINGLE CHAMBER)

Temperature range 5°C to 50°C. Temperature controlled by Digital temperature indicator cum controller in the variation of ±1°C. Chamber with 14 perforated trays. Chamber is provided with stainless steel water reservoir at bottom. Humidity from 90 to 95% ±3% (Not adjustable) double-walled inside made of anodized aluminum /stainless steel and outside Mild steel painted in epoxy powder coating. To work on 220/230volts 50 cycles A.C. Only.

	Chamber of highly polished S.S.	Capacity	
A	555(W) x 910(H) x 605(D)mm	308 Ltrs.	99000.00



LABPRO -147

OPTIONAL :

- i)** Automatic 0-24 hour's timer to regulate cyclic illumination conditions. **3300.00**
- ii)** Automatic voltage Stabilizer 3KVA (recommended). **8800.00**

148 "LABPRO" SEED GERMINATOR (DUAL CHAMBER)

Each Chamber size 555(W)x910(H)x 605(D)mm
 Heating and cooling in both chamber and chamber made of stainless steel sheet. **196400.00**

OPTIONAL :

- i)** Automatic 0-24 hour's timer to regulate cyclic illumination conditions. **6600.00**
- ii)** Automatic voltage Stabilizer 5KVA (Recommended). **17600.00**

149 "LABPRO" HUMIDITY CABINET

Temperature range ambient temperature to 60°C. Temperature controlled by a hydraulic thermostat with an accuracy of ±1°C with built-in horizontal 'L' shape thermometer. The humidity is controlled by humidistat from atmospheric humidity to 95% with a sensitivity of ±3%. Double walled inside anodized aluminium/stainless steel and outside mild steel painted in epoxy powder coating. The door has glass Window. To work on 220/230 volts .A.C. inside water tank is made of stainless steel.



LABPRO -149

	Size inside Chamber (W x D x H)	Cap.(Approx.)	Inner S.S.
A	455x455x455mm	95ltrs.	38500.00
B	455x455x710mm	147ltrs.	48500.00
C	605x605x605mm	225ltrs.	49500.00
D	605x605x910mm	335ltrs	57000.00

OPTIONAL :

- i)** Hygrometer (Humidity Indicator.) **1700.00**
- ii)** Digital Temp. Controller-cum-Indicator. **6600.00**
- iii)** Microprocessor PID digital temp. Indicator-cum-Controller. **12000.00**
- iv)** Automatic electronic controller with digital display For Temp. & Humidity combined. **31000.00**
- v)** Automatic voltage Stabilizer 3 KVA (Recommended) **10000.00**

150 "LABPRO" ENVIRONMENTAL CHAMBER HUMIDITY CABINET

(temperature Control/"digital")

General specification as BDI-83 but with added specification for low temp. Control & humidity . The inner working chamber is made out of stainless steel. The temperature can be controlled from 10°C to 60°C ± 2°C and humidity from 55% to 95% ± 5% RH Temperature below ambient is controlled by hermetically sealed compressor complete with accessories provided below the unit. Two stainless steel water reservoirs heated by immersion heaters are provided to create humidity. Complete with all accessories. Control panel provided with control switches and indicators.



LABPRO -150

	Chamber inside chamber (WxDxH)	Capacity (Approx.)	Inner S.S.
A	455x455x455mm	95ltrs.	77000.00
B	455x455x710mm	147ltrs.	81500.00
C	605x605x605mm	225ltrs.	90200.00
D	605x605x910mm	335ltrs.	99000.00

OPTIONAL :

i) Hygrometer (Humidity Indicator.)	1700.00
ii) Digital Temp. Controller-cum-Indicator.	6600.00
iii) Microprocessor PID digital temp. Indicator-cum- Controller.	12000.00
iv) Automatic electronic controller with digital display For Temp. & Humidity combined.	31000.00
v) Automatic voltage Stabilizer 3 KVA (Recommended).	10000.00

151 "LABPRO" PLANT GROWTH CHAMBER (SMALL)

Inside made of stainless steel sheet. Outside mild steel sheet with finished in white stoving enamel/powder coated paint with mat finished colour combinations. Fitted with cooling, heating and lighting arrangements. Temperature range 5° C to 50°C± 1°C. Temperature can be obtained from 15°C to 50°C ± 1C when all lights from two sides and top are 'ON'. Temperature is controlled by DUAL temperature electronic digital temperature controller-cum-indicator to set two temperatures for day and night. Above Growth chamber is completer with humidity control from 55% to 95% RH. Light intensity can be adjusted controller according to requirement and humidity shall be controlled by humidistat. Complete with 0-24 hrs. Timer to work on 220/230 volts 50 cycles A.C. Only.



LABPRO -151

	Chamber inside chamber (WxDxH)	Capacity in cu. Ft.	Capacity (Approx.)	Inner S.S
A	570x875x550 mm	10cu.ft	280ltrs.	143000.00
B	775x900x775mm	20cu.ft.	560ltrs.	187000.00
C	835x1200x825mm	30cu.ft.	840ltrs.	308000.00
D	900x1720x800mm	45.8cu.ft.	1282ltrs.	671000.00

OPTIONAL :

i) Electronics Digital Indicator cum-Humidity controller and temperature Controller.	31000.00
ii) Microprocessor PID digital temp. Indicator-cum-Controller.	12000.00
iii) Automatic voltage stabilizer (recommended).	P.O.R

152 "LABPRO" MORTUARY CHAMBER/FREEZER

Used for storing cadaverous under low temperature cool conditions in order to prevent decomposition. These units are double walled with outer made of M.S. sheet duly painted and inner wall of stainless steel. Front opening covered door with magnetic gasket lock & key and handle individual chambers are provided independent lock with duplicate keys. Trays made of G.I. sheet to carry dead bodies are provided with handles. Trays travel on rollers fitted with ball bearing for easy movement. Hermetically sealed compressor serves refrigeration unit to maintain temperature range of 2°C to 5°C or (-) 15°C to (-) 20°C (as ordered) Unit is fitted with digital temperature indicator-cum-controller. Works on 220/230 volts A.C. Supply.

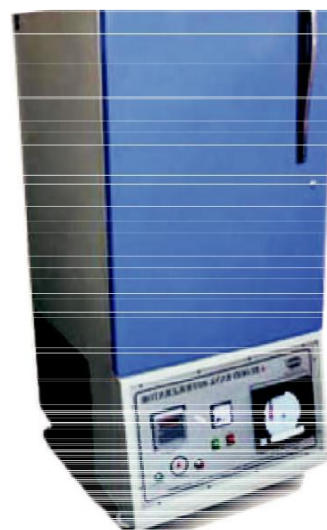


LABPRO -152

	Capacity	Temp.	Voltage Stabilizer	Outer Inner S.S	Inner S.S.
A	Single Body	2°to 5°C	3KVA	231000.00	132000.00
B	Two Bodies	2°to 5°C	4KVA	352000.00	286000.00
C	Three Bodies	2°to 5°C	5KVA	385000.00	320000.00
D	Four Bodies	2°to 5°C	8KVA	440000.00	330000.00
E	Six Bodies	2°to 5°C	8KVA	462000.00	418000.00

153 "LABPRO" BLOOD BANK REFRIGERATOR

Blood Bank Chamber is a most versatile unit for blood bank mounted on a sturdy angle frame. The inner chamber is made up of stainless steel sheet and outer of mild steel sheet duly powder coated paint. Caster wheels provided for easily mobility. The temperature, for stroing blood bottles or Blood bags. Temperature is controlled by microprocessor PID digital temperature controlled-cum-indicator and triggers the AUDIO VISUAL ALARAM in the event of fluctuation exceeding permitted tolerance. Unit is also fitted with DOOR OPERATED ALARAM and POWER SUPPLY FAILURE ALARAM, as a safety devices. A highly efficient refrigeration system consists of hermetically sealed compressor, for high performance cooling coil runs all around the cabinet to maintain uniformity of temperature. The entire refrigeration unit is housed at bottom. Two doors are provided. Inner door is of transparent acrylic sheet for easy viewing inside the chamber. Outer door is duly insulated for proper sealing from external environment and is lockable. Drawers are provided for holding bags. Suitable to works on 220/230volts A.C.



LABPRO -153

Available in following capacities

A	85 liters (50 blood Bags)	92400.00
B	165litres (110 blood Bags)	107800.00
C	200 liters (200blood Bags)	121000.00
D	280 liters (250 blood Bags)	132000.00
E	400liters (360 blood Bags)	187000.00

OPTIONAL :

i)	Chart type temperature recorder.	41000.00
ii)	Voltage Stabilizer (Recommended)	10000.00

154 "LABPRO" DEEP FREEZER (CHEST TYPE & VERTICAL)

Double walled with inner chamber made of S.S and outer of thick PCRC sheet duly enamel painted. Temperature range from ambient to -20° C is achieved by hermetically sealed compressor. Body is mounted on a sturdy angle iron frame and is mounted on castor wheels. Unit is fitted with solid state digital temperature indicator-cum-controller. Horizontal chest models are supplied in a single compartment where as vertical models are supplied with three stainless steel storing shelves.



LABPRO -154

Capacities

		Vertical	Horizontal
A	4 cuft. 375x500x605mm	77000.00	70400.00
B	6cuft. 505x410x830mm	99000.00	88000.00
C	10cuft. 570x550x875mm	143000.00	132000.00
D	12cuft. 650x580x900mm	154000.00	143000.00

OPTIONAL :

i)	Supplied with Automatic Voltage Stabilizer.
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154A

Double walled with inner chamber made of S.S and outer of thick PCRC sheet duly enamel painted. Temperature range from ambient to -20° C is achieved by hermetically sealed compressor. Body is mounted on a sturdy angle iron frame and is mounted on castor wheels. Unit is fitted with solid state digital temperature indicator-cum-controller. Horizontal chest models are supplied in a single compartment where as vertical models are supplied with three stainless steel storing shelves.



LABPRO -154A

Capacities

		Vertical	Horizontal
A	4 cuft.	375x500x605mm 96500.00	88000.00
B	6cuft.	505x410x830mm 123800.00	110000.00
C	10cuft.	570x550x875mm 178800.00	165000.00
D	12cuft.	650x580x900mm 192500.00	178800.00



155A

The unit has hermetically sealed compressor to maintain temp. upto minus 40 degree C. Temperature control by electronic digital controller cum indicator with electronic vacuum indicator. It will have secondary chamber for 6 test & 12 tests.

A	Cap. 3.25 Litres 6 Test	286000.00
B	Cap. 5.25 Litres 12 Test	396000.00

LABPRO -155A

156 "LABPRO" GLASS BEAD STERILIZER

An alternative to traditional methods of sterilizing, Once switched 'ON' the units are ready to use within 30 minutes and ensure total destruction of all micro-organism within seconds. Preset temp. of 230° C-250°C, incorporated with a thermostat with an accuracy of ± 1°C of the present range. These are compact enough to be placed any Laminar Air Flow Bench or any other work side tables in a clean room. To work on 220 Volts A.C.

A	Crucible Size : 2" Dia x2" Depth.	7500.00
B	Crucible Size : 2" Dia x6½"Depth.	8800.00



LABPRO -156

157 "LABPRO" HORIZONTAL LAMINAR AIR FLOW CABINET

Laminar flow principle involves double filtration of air through coarse pre-filter (up to 5 microns) And HEPA filter (down to 0.3 microns) for filtration of biological and particulate contaminants. A Constant uni-directional air flow is drawn from atmosphere and passed through pre and hepa filters. On the work surface. Fabricated out or reinforced by board which is clad in from outside in laminated Sheet and inner laminated sheet and inner exposed areas are finished in epoxy paint. Table top covered with non glaring laminated sheet or stainless steel sheet. Side panels are fixed and are made out of transparent acrylic sheet. The front door is folding type and made of thick acrylic sheet. (Optional) Stand is built in type or detachable. Laminar flow principle involves double filtration of air through coarse pre-filter (up to 5 microns) And HEPA filter (down to 0.3 microns) for filtration of biological and particulate contaminants. A Constant uni-directional air flow is drawn from atmosphere and passed through pre and hepa filters. On the work surface. Fabricated out or reinforced by board which is clad in from outside in laminated Sheet and inner laminated sheet and inner exposed areas are finished in epoxy paint. Table top covered with non glaring laminated sheet or stainless steel sheet. Side panels are fixed and are made out of transparent acrylic sheet. The front door is folding type and made of thick acrylic sheet. (Optional) Stand is built in type or detachable. Blower unit has AUE or equipment motor and is dynamically balanced with minimal sound & vibration level. Fluorescent lighting is also provided. A Suitable UV tube is provided for sterilization. An acrylic block type manometer to measure static pressure in the chamber has been installed. Two ways gas tap for gas line has also been provided.



LABPRO -157

	Working Chamber Size	S.S.	M.S	WOODEN
A	2'x2'x2'	92000.00	57000.00	48000.00
B	3'x2'x2'	112000.00	79500.00	54000.00
C	4'x2'x2'	133000.00	101200.00	60000.00
D	6'x2'x2'	212000.00	154000.00	92000.00

157A

Details same as above BDI-170 with laminar flows down vertically from top to wards the work table. Supplied complete with static finish Mica table top. Transparent front door (5m.m). Static pressure manometer. Built in U.V. Germicidal light & fluorescent light and Cock for gas, air or vacuum line.

	Working Chamber Size	S.S.	M.S	WOODEN
A	2'x2'x2'	94000.00	60500.00	53000.00
B	3'x2'x2'	116000.00	83600.00	58000.00
C	4'x2'x2'	142000.00	104000.00	62000.00
D	6'x2'x2'	220000.00	160500.00	92000.00



LABPRO -157A

158 "LABPRO" BIOLOGICAL SAFETY CABINET

The cabinet are fabricated out of thick board duly laminated sheet clad. The work table is made of heavy gauge stainless steel sheet and is fitted with U.V. Germicidal light, static pressure manometer, exhaust system (suitable for 6 feet duct) and virus burn out unit. Side panels are made of thick transparent flexi glass duly framed. The unit is fitted with pre-filter and HEPA filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA (High efficiency particular air) filters having efficiency retaining all air borne particle of size 0.3 micron and large. Using a dynamic balancing machine, the blower and motor assembly is statically and dynamically balanced. Motor of 1/5 H.P. Capacity operates with minimum noise level. The working area is illuminated by florescent lighting fitted to the unit. In addition to the above features of a standard vertical laminar flow bench, the Bio-safe cabinets have arrangements for recirculating a part of the air thus creating highest level of clean air. The unit is also convertible to the conventional vertical laminar flow bench with download air flow by fitting the sliding front door upwards. Air is sucked through the pre-filter and the excess air is thrown out the top through a HEPA filter of size 1'x1'x6". Supplied with glove ports and gauntlets, HEPA filter, pre-filter, U.P. light and fluorescent light.



LABPRO -158

	Working Size	Size of HEPA Filter	No. Of HEPA Filter	Illumination	Wooden	M.S	S.S
A	2' x 2' x 2'	2' x 2' x 6"	1	1x20W	68000.00	106000.00	126000.00
B	3' x 2' x 2'	3' x 2' x 6"	1	1x20W	81500.00	124000.00	150000.00
C	4' x 2' x 2'	4' x 2' x 6"	2	1x30W	103500.00	150000.00	180000.00
D	6' x 2' x 2'	3' x 2' x 6"	2	1x30W	145000.00	210000.00	290000.00

OPTIONAL :

i)	Virus burn out unit 2'x2'x2x	16500.00
	3'x2'x2x	17500.00
	4'x2'x2x	18700.00
	6'x2'x2x	20900.00
ii)	Exhaust Ducting (per running feet)	600.00
iii)	Gas Burner.	500.00

159 "LABPRO" FUME HOOD

Fabricated out of thick wooden board. It is designed so as to throw-out all toxic/harmful vapors & fumes thus protecting costly instrument and the persons working in the lab. Outer is finished with sunmica and inner epoxy painted. Working table top is acid/alkali resistant and a small wash basin with connections provided for inlet and outlet of water. The front door moves vertically up and down with concealed counter balanced weights. The unit is fitted with fluorescent light and a gas cock for gas/air supply. The front facing panel is fitted with 15/5 Amp socket with switches for exhaust system and fluorescent light. To work on 220/230 volts A.C. Supply.



LAB -159

Working Chamber Size	3'x2'x2'	4'x2'x2'	5'x2½'x2½'
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A	M.S Rate	105000.00	141000.00	176000.00
B	S.S Rate	171500.00	185000.00	276000.00
C	Wooden Rate	81500.00	103500.00	150000.00

OPTIONAL :

i)	High CFM exhaust System (For duct exceeding 10 feet)	3'x2'x2' 11000.00	4'x2'x2' 12000.00	5'x2½'x2½' 13000.00
ii)	S.S Lining on work bench	3400.00	3800.00	4400.00
iii)	PVC Fume Duct (Per ft.)	1500.00	1900.00	2500.00

"LABPRO"TISSUE CULTURE RACK

Made out of tubular M.S. Pipes/Tubular aluminium pipe duly painted for longer life. Each rack of size 48"x21" (Depth) is covered with thick unbreakable flexi glass/helyem sheet. Distance between each rack is 15". Each rack is fitted with 4 fluorescent tubes, 4 bulbs and one U.V. germicidal light. Copper chokes are fitted on a separate wooden plank fitted with castor wheels at its base, so that the chokes can be placed out side the tissue culture room, if desired, so as to avoid heat dissipation inside the air conditioned room, which is a must. Exhaust fan is fitted to the box to throw out the heat generated from the chokes. The panel box fitted with on/off switches and 0-24 hrs. timer. To work on 220/230 volts 50 cycles A.C. only.



LABO -160

No. of Racks	Made of Mild Steel	Made of S.S.
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A	Unit of Four racks.	54000.00	82000.00
B	Unit of Five racks	66000.00	96000.00
C	Unit of Six racks	80000.00	110000.00

161 "LABPRO" TISSUE CULTURE HOOD

Made of sun mica clad thick wooden board and sun mica clad working top. The unit has frame at front fitted transparent flexi glass and has an arrangement for keeping the door open if desired. Fitted with U.V. Germicidal light and one Fluorescent tubes.

Outside Size : 1200x600x600mm (ht.at back)	33000.00
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OPTIONAL :

i)	Exhaust System	5500.00
ii)	Stainless Steel Top In lieu of Sumica top	2800.00

162 "LABPRO" AIR CURTAINS

Very useful to create curtain of air between n Air-conditioned and clean room to adjoining room. Widely used in various applications in industry, Hospital, Hotels, and Showroom etc.



LABPRO -162

Door Width

A	900mm	15000.00
B	1200mm	15200.00
C	1500mm	27200.00
D	1800mm	27700.00

163

Economical clean-air chamber for transfer of tissues and other tissues culture work and use as a dry-box and by dust proof bacteria free clean uncontaminated environmental enclosure. Fabricated out of thick ply board clad, Externally laminated sheet and inner exposed areas painted with chemically resistant epoxy paint. It's provided wit tightly covered rectangular opening on one side for putting in the material. A clear fixed acrylic sheet window provide in front for observation. Complete with fluorescent lighting and germicidal ultra violet tube.



LABPRO -163

Chamber Size

A	100x50x50cm	10000.00
B	70x45x45cm	8000.00

163A

Self-standing providing down flow air to clean room garments . Recommended in clean room for storage of material. Suitable for pharmaceuticals, Hospitals and O/T, Electronic industry etc. Supplied complete with Hepa filter & pre filter, Motor Blower, Static pressure manometer, U.V. Germicidal light, Fluorescent light and shelves.



LABPRO -163A

	Working Size	Size of HEPAFilter	No. Of HEPA Filter	Illumination	Cabinet of Wooden	Cabinet of Stainless
A	3' x 2' x 5'	3' x 1½' x 6"	1	3	104500.00	132000.00
B	4' x 2' x 5'	4' x 1½' x 6"	2	2	148500.00	160000.00

OPTIONAL :

i)	Exhaust Selves	6000.00
ii)	Exhaust Ducting Per running ft.	3000.00

163B "LABPRO" SLIDE CABINET

A	1000 Slides	4200.00
B	2000 Slides	8000.00
C	5000 Slides	17000.00
D	10000 Slides	32000.00



LABPRO -163B

1645 "LABPRO" DESTRUCTOR INCINERATOR (ELECTRICAL)

Electrically or oil fired incinerator (only first two sizes can be supplied fully electrically operated and other sizes shall be supplied oil fired (LDO). These incinerators are suitable for incineration of pathological waste. Without chimney.

- A Cap.3-5 Kg.
- B Cap.8-10 Kg.
- C Cap.12-15 Kg.
- D Cap.18-20 Kg.

143000.00
176000.00
220000.00
286000.00



LABPRO -164

OPTIONAL :

- i) Capacities 25-35 kg-70kg. And 125-175 are oil fired. Erection & Commissioning Charges are extra.
- ii) M.S. Chimni extra.

165 "LABPRO" HUMIDIFIER

Humidifier is basically an Atomizing Humidifier of splash plate rotating disc type. Designed to give relative humidity as high as up to 95% RH in enclosed areas. Humidifier is a portable unit body made of aluminum/Stainless steel. Capable of atomizing up to three litres of water in an hour at full evaporation in the driest possible ambient conditions. Provided with automatic float valve assembly to work on 220VAC.

- A Capacities: 3 Liters

16500.00

OPTIONAL :

- i) Contort box with Humidistat for controlling humidity.

5500.00

166 "LABPRO" DE-HUMIDIFER

(Fitted with time controlled safety device in, case humidity controller fails, for safety of the compressor) These are water condensing type, based on "Refrigeration Cycle" to avoid use of expensive chemicals required for desiccant type models. The unit is self standing and is mounted on a study angle iron frame. Fitted with castor wheels. It removes excess moisture from the atmosphere and is fitted with hermetically sealed compressor. Heat exchanger and water condensing coils are made of copper. Water collection tank is provided below the unit is collect condensate water. Humidity is controlled by HUMIDITY CONTROLLER is incorporated in the unit, up to 30% ± 30% RH, depending upon the ambient conditions. To achieve very low humidity, the room should have a independent window type air conditioner to much with the dehumidifier heat load in the room. Suitable to work on 220/230volts A..C. Supply.

- A Capacities : 1.5 Tons
- B Capacities : 2 Tons

72600.00

77000.00



LABPRO -166

166A "LABPRO" DE- HUMIDIFER

(Fitted with time controlled safety device in, case humidity controller fails, for safety of the compressor)

These are water condensing type, based on "Refrigeration Cycle" to avoid use of expensive chemicals required for desiccant type models. The unit is self standing and is mounted on a study angle iron frame. Fitted with castor wheels. It removes excess moisture from the atmosphere and is fitted with hermetically sealed compressor. Heat exchanger and water condensing coils are made of copper.

Water collection tank is provided below the unit is collect condensate water. Humidity is controlled by HUMIDITY CONTROLLER is corporated in the unit, up to 30% ± 30% RH, depending upon the ambient conditions. To achieve very low humidity, the room should have a independent window type air conditioner to much with the dehumidifier heat load in the room. Suitable to work on 220/230volts A..C. Supply.

A Capacities : 1.5 Tons 99000.00

OPTIONAL :

B Automatic Voltage Stabilizer 4.0KVA.(Recommended) 13000.00



LABPRO -171

171 "LABPRO" U.V.CHROMATOGRAPHY INSPECTION CABINET (Single Tube) 5700.00

171A (Double Tube) 6600.00



LABPRO -171A

171B

A Brass applicator 7200.00
B Aluminium applicator 6600.00

172 " LABPRO " OVERHEAD PROJECTOR

Streamlined body finished in various pastel colours. Projection head folding type, focusing by Rack-n- pinion. Illumination –600/650W-220V AC or 24V-250W halogen bulbs on step-down transformer with solid control light intensity and cooling system to projector overheating self-lubricating type motor, the stage temperature us maintained at 45° C approx. Interlocked with switch for lamp protection against voltage surges. Writing surface 250x250mm or 285x285 mm. Complete with on-off switch, mains indicators, light intensity control switch cord plug & fuse etc accessories provided are transparent cellophane roll writing pen pack cleaning both venyle cover. Packed in a card board box with thermocole packing.

A Single bulb low voltage 24V-250W Halogen. 8600.00
B Double Bulb low voltage system with 3 Halogen bulbs 24V-250W. 11000.00
C Double bulb low voltage system with two halogen bulbs 24V-250W 12200.00
 Through step-downtransformer, writing surface 285x285mm for A4 sheet.

OPTIONAL :

i) Laser Pointer (Imported) 2600.00



LABPRO -172

173 " LABPRO " OHP PORTABLE (FOLDING TYPE)

Folding type smooth focusing with 3 element high definition focusing lens supported by picture sharpness compensator to achieve brilliant projection with optimum contrast. Equipped with two low voltage 24V 250W halogen bulbs with lever to instantly shift to second provided bulb in case of sudden failure of the running one. Mini turbo cooling fan thermal cut for safety. Writing surface 285x285mm. Supplied in molded luggage case 47000.00

174 " LABPRO " PROJECTION SCREEN (WITH METALLIC STAND)

Metallic, sturdy folding, portable with collapsible tripod stand. Housing equipped with automatic spring roller system. Screen size:

Screen Size:

A	Projection Screen (Tripod Model)	Deluxe180x230cm	7600.00
B	Projection Screen (Tripod Model)	Deluxe32x178cm	4000.00
C	Projection Screen (Tripod Model)	Deluxe150x150cm	4100.00
D	Projection Screen (Tripod Model)	Deluxe125x125cm	3700.00

Multimedia Projection Screen (with Metallic Stand)

A	Projection Screen (High Gain)	Tripod Model	180x230cm	12000.00
B	Projection Screen (High Gain)	Tripod Model	132x178cm	5500.00
C	Projection Screen (High Gain)	Tripod Model	150x150cm	5000.00
D	Projection Screen (High Gain)	Tripod Model	125x125cm	4800.00



LABPRO -174

174A " LABPRO " PROJECTION SCREEN (WALL HANGING)

Folding type in metallic case wall hanging arrangement provided.

Screen Size:

A	Projection Screen (Wall & Ceiling Model)	Deluxe 180x230cm	6800.00
B	Projection Screen (Wall & Ceiling Model)	Deluxe 132x178cm	3700.00
C	Projection Screen (Wall & Ceiling Model)	Deluxe 150x150cm	3700.00
D	Projection Screen (Wall & Ceiling Model)	Deluxe 125x125cm	3200.00

Multimedia Projection Screen (Wall Hanging

A	Projection Screen (High Gain)	180x230cm	11800.00
B	Projection Screen (High Gain)	132x178cm	5500.00
C	Projection Screen (High Gain)	150x150cm	5000.00
L	Projection Screen (High Gain)	125x125cm	4400.00



LABPRO -174A

179 " LABPRO " MOISTURE ANALYSER (DIGITAL)

Sturdy & versatile equipment suitable for wide range of grains, oil seeds, pulses etc. It has in built battery indicator and is high speed And accurate. Range 8% to 40%

33000.00

179A

Sturdy & versatile equipment suitable for wide range of grains, oil seeds, Pulses etc. It has inbuilt battery indicator and is high speed and accurate.

35200.00

179B

Aluminium body duly finished with hammertone paint, heat control with electronic regulator. Easy to operate. With accuracy of 0.2% by direct reading 0.1% Complete with L-shaped thermometer,10-Disposal pan, One tweezer and instructional manual.

RANGE :-

A	5gms.	14000.00
B	10gms.	16000.00
C	25gms.	17500.00



LABPRO -179B

180 " LABPRO " LAB WILLEY GRINDER (ARTHUR H. THOMAS TYPE)

Recommended for grinding of dry plant samples. Also for a great variety of commercial dry materials. The unit has two stationary steel edges provided in the cast iron chamber. A removable safety glass sheet plate from the face of chamber of permit observation during operation. Willey Mill is fitted on substantial cast iron base. Complete unit supplied with aluminium/cast chamber, polished hoper with cover, wooden plunger, three delivery tubes mounted with sieves cloth mesh no: 20, 40 and 60 mesh. One Allen Key for adjusting blades and 3 Glass jars, brush etc. Electrically operated to work on 220Volts AC.



LABPRO -180

Chamber Size **Motor Cap.** **Chamber made** **Chamber made**

			of Mild Steel	of Stainless Steel
A	40x25mm	0.25 H.P.	16200.00	18500.00
B	65x25mm	0.25 H.P.	18900.00	22300.00
C	100x50mm	0.50.H.P.	25000.00	40400.00
D	200x75mm	1.00.H.P (Heavy Duty)	44600.00	77700.00

180A

Electrically operated having a capacity from a few grams, To 1 kg. Or 2 Kg or 5 kg. Fitted with a F.H.P motor for cap. Up to 2 kg. Jar and with ¼ H.P. 5Heavy duty motor for 5 kg. Jar. Maximum speed 80 R.P.M. supplied with steel balls for mixing and grinding particularly soft powder. Operates on 220volts AC. Mains.



LABPRO -180A

Capacity	Motor Cap.	Aliminium jar	S.S Jar
A 1 kg jar	¼ H.P.	11900.00	12700.00
B 2Kg Jar	¼ H.P.	12700.00	16300.00
C 5Kg Jar	¼ H.P.	26400.00	33600.00

OPTIONAL :

Automatic 0-60 minute Timer.

181 "LABPRO" AUTOPSY TABLE

1400.00
216000.00

182 "LABPRO" AMPOULE CLARITY

3600.00

183 "LABPRO" ASEPTIC CABINET

9100.00

LABPRO -201

201 " LABPRO " AMPOULE FILLING AND SEALING DEVICE

Simple syringe type hand driven gives ten ampules per minute capacity of filling adjustable from 1ml to 10ml by a cam lever arrangement automatic intake outflow of fluid all contact parts are borosil glass the sealing apparatus consists of glass fusing burner for LPG or petroleum gas with foot bellow and rubber tubing.

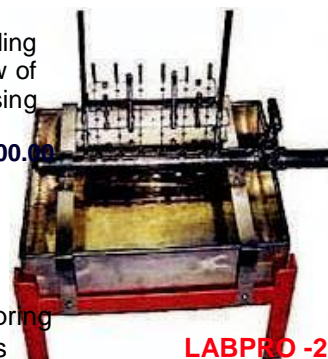
8500.00

202 "LABPRO" AMPOULE WASHING

Ampoule washing consists of 6 S.S. needle jets fixed on a stainless steel pipe 12.5mm dia with side tap and serrations for fixing rubber tube with tab water spring loaded ampule holding arrangement for various sizes of ampules with stainless steel bottom tray on stand.

3360.00

LABPRO -202



203 "LABPRO" ANTIBIOTIC ZONE READER (MANUALLY)

S.S Body motorized deluxe quality

15600.00



204 "LABPRO" ALGOMETER

4450.00

LABPRO -203

205 "LABPRO" ACTOPHOTOMETER

9600.00



206 "LABPRO" ANALGESIOMETER

Tail Flick Radiant heat type or tail flick type for determining analgesic Effect of drugs.

6750.00

LABPRO -206

207 "LABPRO" ANALGESIOMETER (EDDY'S HOT PLATE)

Aeddy's Hot Plate for determining analgesic effect of drugs.

10800.00



207A

11500.00

LABPRO -208

208 "LABPRO" BICYCLE ALGOMETER

36000.00



209 "LABPRO" BOTTLE FILLING MACHINE

- A Hand Operated
- B Automatic single syringe S.S.Cover

15600.00
54000.00

LABPRO -209



210 "LABPRO" BULK DENSITY

- A Digital Timer
- B Digital Timer and counter

6750.00
9600.00
14500.00

LABPRO -210

211 "LABPRO" BOTTLE CAP SEALING MACHINE

- A Cap. 5 kg 1 phas
- B Cap. 10 kg 1 phase
- C Cap. 25 kg 1 phase

22000.00
92500.00
180500.00

LABPRO -211



PHARMACEUTICAL/CPHARMACOLOGY

212 "LABPRO" BOTTLE WASHING MACHINE

A Single Brush	14400.00
B Double Brush	20400.00



LABPRO - 212

213 "LABPRO" BONE CUTTING MACHINE

168000.00

214 "LABPRO COOKS POLE CLIMBING

Response Apparatus For the study of pale jump. (Avaoidance) response. 14300.00

215A

A versatile lever operated semi-automatic machine for various operations with levers in order of (i) plates for putting of capsule (ii) removal of caps (iii) filling of powder by dispensing brush pressing (iv) ejection of 100 capsule of size 0.2 or 0.5 (anyone size on order) contact parts of stainless steel.

27500.00



LABPRO - 214

215B

Full chrome plated & heavy body

33000.00

216 "LABPRO" CAPASULE COUNTER

Full chrome plated & heavy body

2400.00



LABPRO -215

217A

Stroke type barrel and piston arrangement with stroke setting for various capacity of filling tubes detachable nozzles provided for each separate capacity all contact parts are of stainless steel including hopper built on cast iron body hand lever operated.

9250.00

217B

5ml - 50ml

91500.00

218 "LABPRO" COLLAPSIBLE TUBE SEALING MACHINE

Hand lever sliding movement with toothed jaws spring action release
Of jaws robust construction.

3300.00



LABPRO -219

219 "LABPRO" DALE BATH APPARATUS

5300.00

219A

4800.00

220 "LABPRO" ELECTRO CONVULSO METER

Simple
Digital

8650.00

9600.00



LABPRO -220

PHARMACEUTICAL/PHARMACOLOGY

221 "LABPRO" GADUUMS OUT FLOW RECORDER TO WORK ON 4V D.C. 3100.00

222 "LABPRO" HISTAMINE CHAMBER COMPLETE WITH SPHYGOMA 6150.00

223 "LABPRO" HAND GRIP DYNAMETERS 4200.00

224 "LABPRO" HOOK GRIP 450.00

225 "LABPRO" JAR TEST APPARATUS

- | | |
|-----------------------------------|----------|
| A Two Jar Test Apparatus | 12000.00 |
| B Three Jar Test Apparatus | 14500.00 |
| C Four Jar Test Apparatus | 16500.00 |
| D Five Jar Test Apparatus | 19000.00 |
| E Six Jar Test Apparatus | 23000.00 |



LABPRO - 225

226 "LABPRO" KYMOGRAPH

- | | |
|-------------------------------------|----------|
| A Kymograph Recording Drum | 12000.00 |
| B Du- Bios Key | 1000.00 |
| C Smoking Stand | 3100.00 |
| D Smoking Burner | 1200.00 |
| E Paper Clip | 350.00 |
| F Simple Lever | 190.00 |
| G Starling Heart Lever | 250.00 |
| H Starling Writing Lever | 100.00 |
| I Muscle Chamber | 1200.00 |
| J Mayo Graph Lever | 550.00 |
| K Mayo Graph Board | 500.00 |
| L Mayo Graph Stand | 500.00 |
| M Simple Electrode | 180.00 |
| N Student Stimulator | 3300.00 |
| O Student Stimulator digital | 4400.00 |
| P Tunic Fork KN -100 | 500.00 |
| Q Muscle Electrode | 450.00 |
| R Muscle Lever | 400.00 |
| S Muscle Grip | 600.00 |
| T Hook Weight Set | 300.00 |
| U Inducion Coil | 3300.00 |
| V Kymograph paper | 450.00 |
| W Simple Key | 150.00 |
| X Inducion Coil | 450.00 |



LABPRO -226

"LABPRO" KYMOGRAPH SUPER SPEED

Improved life time pinnion lift Range of fine vertical adjustment 15cms close mesh 10 speed gear box Gear ratios 1:2 No backlash Instantaneous start at all speeds with built in vibration free noiseless motor speed variaiton form 1 rev in 25 min to 1 rev in 11 hours Permissible paper length 2.5 meters adjustable along machined 120cm Bed Automatic paper tensioning devices Flat writing surface attachment 3 jointed arm uprights with fine tangential adjustment Auxillary cylinder with fine tilt adjsutment to



LABPRO -227

PHARMACEUTICAL/PHARMACOLOGY

permit equalisation of tension at the top & bottom of the paper Neutralisation Clutch for immediate start & stop centralised electrical points for respiration pump time clock and operation table mounted on heavy metal platform with castors with manometer & two way time marker

77000.00

227A "LABPRO" LUCUS MOIST CHAMBER

1000.00

227B "LABPRO" LEAK TEST APPARATUS

25000.00

227B

29000.00

228 "LABPRO" MORSE MIXER

44000.00

229 "LABPRO" MARRY TAMBOUR 18MM

600.00

230 "LABPRO" MOSSES ARGOGRAPH

8800.00

231 "LABPRO" MAMMALIAN HEART PERFUSION ASSEMBLY

17500.00

232 "LABPRO" DOUBLE CONE BLENDER

24000.00

232A "LABPRO" OLFACTOMER

6000.00

233 "LABPRO " OPERATION TABLE FOR ANIMAL

Now with all steel frame designed for greater stability. Stainless steel top 127x45cm In two halves sloping towards their central drain, warming chamber, casters moving handless with animal holder & stainless steel tray and two moveable uprights

27500.00

234 " LABPRO " OPERATION TABLE SMALL

For rabbits guinea pig etc, stainless steel top adjustable head holder trying cleats cut back at the head end with warming chambers

12000.00

235 "LABPRO" PERMEABILITY CUP

5700.00

236 "LABPRO" PLENTY MIXER

47500.00

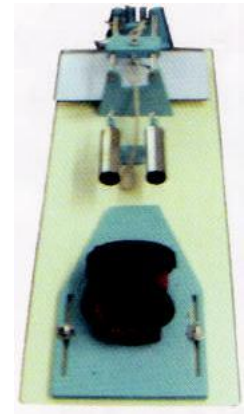
237 "LABPRO" PISTON RECORDER

1500.00

238 "LABPRO" PERIMETER

- A** Prestley smith type
- B** Lister type

16500.00
36000.00



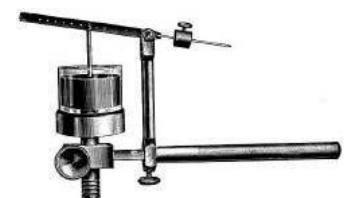
LABPRO - 230



LABPRO -232



LABPRO -233



LABPRO -237



PSAW-238

239 "LABPRO" PLETHYSMIOGRAPH 1500.00

239A "LABPRO" PULVELIZER 76800.00

239B "LABPRO" PHYSIOGRAPH

- A** Single Channel 145200.00
- B** Double Channel 183600.00
- C** Three Channel 232800.00



LABPRO - 241

239

C "LABPRO" POLYGRAPH

- A** Single Channel 145200.00
- B** Double Channel 195600.00
- C** Three Channel 298000.00

239

D "LABPRO" LIPSTICK MOULD

- A** 4 Hole 850.00
- B** 6 Hole 1200.00
- C** 12 Hole 2400.00



LABPRO - 242

240 "LABPRO" CUBE MIXER 20900.00

241 "LABPRO" ROTA ROD

- A** One Compartment 12000.00
- B** Two Compartment 13500.00
- C** Three Compartment 14500.00
- D** Four Compartment 16500.00
- E** Five Compartment 18700.00



LABPRO - 243

242 "LABPRO" RESPIRATION PUMP

500cc Single cylinder pump with mechanically operated valve All metal construction The driving cone has 3 slots of 6"x9"x12" dia & balanced A ¼ H P.geared Crompton motor drives the pump The stroke is adjustable & graduated in cc.upto 500cc Motor coupled On castor wheel base

58000.00

243 "LABPRO" STERILITY TEST

It is as per standard design it consists of stainless steel flask with stainless steel clamps and stainless steel support screen made out stainless steel 316 quality single station without stand

- A** Three Test 43500.00

244 "LABPRO" SWIMMING TEST APPARATUS 39600.00

245 "LABPRO" STUDENT ORGAN BATH

D	Single Unit	2800.00
P	Double Unit	6600.00
C	Single Unit with digital temp. & stirrer	9250.00
D	Double Unit with Digital temp & Stirrer	11500.00



LABPRO - 245

246 "LABPRO" STETHOGRAPH 1000.00

247 "LABPRO" SUPPOSITORY MOULD		
A	4 Hole	450.00
B	6 Hole	500.00
C	12 Hole	960.00



LABPRO - 249

248 "LABPRO" STEP DOWN TRANSFORMER 9600.00

249 "LABPRO" STUDENT SPIRO METER
 6 Ltr. Capacity with chain compensates counter balance to flat through pulley calibrated to denote volume inlet & outlet tubes stainless steel chamber with corrugated rubber tube and mouth piece 12000.00

250 "LABPRO" TABLET COUNTER 800.00

251 "LABPRO" TABLET DISINTEGRATION
 Used for determination of disintegration of time of tablets a motorized shaft moves in up and down direction at a frequency of 30 cycles per minute holds 6 glass tubes of standard size with stainless wire gauge bottom cylinder moves up and down with standard dish inside in a liter beaker filled of distilled water which is maintained at 37 c by thermostatically controlled hot plates (without beaker)

A	Single Test Apparatus	6600.00
B	Single Test Apparatus With Digital Temp	13500.00
C	Double Test Apparatus	9900.00
D	Double Test Apparatus With Digital Temp & R.p.m.	19200.00



LABPRO - 251

255 "LABPRO" TABLET FRIABILITY
 Used for tablets to determine the durability from the time of production to the time of use a transparent plastic drum rotating has plastic blade which carries the period is determined by a timer tablets are weighed before and after the test and difference in weight for a particular time period indicates the rate of abrasion

A	Single Drum	7700.00
B	Single Drum Digital Timer	12600.00
C	Single Digital R.P.M	12600.00
D	Single Digital Timer & R.P.M	17000.00
E	Double Drum Double	9900.00
F	Drum Digital Timer	14500.00
G	Double Drum R.P.M	14500.00
H	Double Digital Timer & R.P.M	18700.00



LABPRO - 255

263 "LABPRO" TABLET DISSOLUTION

Dissolution rate consists of water bath of 30.5cm long 20.5cm wide and 23cm high fitted with thermostatic control maintains the temperature of water at 47°C with ± 0.5 variation covered vessel 100ml made of coring glass variable speed motor cylinder basket and shaft with blades of stainless steel

A Single Drum	9900.00
B Single Drum Digital R.P.M	14500.00
C Single Drum Digital Temp	14500.00
D Single Drum Digital Temp & R.P.M	20900.00
E Six Drum Digital Timer, Temp & R.P.M	99000.00



LABPRO - 263

LABPRO " TABLET MAKING MACHINE

Single punch for making tablets upto 1000mg and as per size of the die and punch 6,9,12mm automatic compression and ejection device with each revolution of the wheel drive automatic feed removal of tablets built on a heavy cast body with eccentric pressure system easy setting for thickness and hardness of tablet with nuts and lock nuts. Die and set of punches are of chromium steel

A Single Punch	27500.00
B Motorized	43000.00



LABPRO - 268

270 "LABPRO" TINCTURE PRESS

Extra heavy for making tincture, decoctions infusions etc. capacity 1 Ltr Stainless steel inner perforated vessel

2800.00



LABPRO - 270

271 "LABPRO" TELETHERMOMETER

A Six Probe	8800.00
B Single Probe	7700.00



LABPRO - 271

272 "LABPRO" LEAK TEST APPARATUS

25000.00

273 "LABPRO" TABLET HARDNESS TESTER

A Monsanto	1500.00
B Pfizer	4800.00



LABPRO - 273

275 "LABPRO" TETANUS SET

2100.00

276 "LABPRO" TABLET COATING PAN

Gear Motor	13500.00
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LABPRO - 276

277 " LABPRO " TABLET COATING PAN

12" dia staniless steel the machine is worked by oil immersed gear box with F.H.P motor drive air blower is operated independently and air is thermostatically controlled to give temp 300c to 1100c swtiches for motor blower heater and thermostat fixed on a with dia light body with ½ HP Motor and Gear Box

52800.00

278 ' LABPRO " TABLET POLISHING PAN

Detatchable polishing pan for use with coating pan is made of mild steel painted and provided with inner lining of superior canvas cloth inner dia 12" and 8" high with opening of 7" dia neck

3300.00



LABPRO - 278

279 "LABPRO" TISSUE PROCESSING UNIT

Single

14500.00

279A "LABPRO" AUTOMATIC TISSUE PROCESSOR UNIT

136000.00

280 "LABPRO" VOLUME RECORDER

1500.00

281 "LABPRO" VARNISH TRAY

4000.00

282 "LABPRO" VARIABLE INTERRUPTER

2800.00

283 ' LABPRO " STUDENTS POLARIMETER

Consists of lauurent half shade polariser analyser brass scale graduated from 0 to 360 or 0 to 180 with vernier reading 6' and accommodates 200mm glass tube

A
B

Same as above but with bi-quartz or tri- quartz

4400.00

8100.00



LABPRO - 283

284 "LABPRO" RESEARCH POLRIMETER

Used in medical pharmaceutical and chemicals research laboratory consists of a imported half shade nicol polariser analyzer 100mm diameter circular scale divided in degrees 0 to 360 x1 and a sugar scale divided -30 to +130 x1 iss,a divided micrometer drum is given to read 0.053 minutes and 0.1 is the scale is properly illuminanted f taking readings the body is very sturdy and complete with polarimeter tube bubble trap at the center 200mm Sodium lamp with stand and transformer

A
B

Same as above but with 400mm tube

25500.00

28900.00



LABPRO - 284

REFRACTOMETER/MICROTOMES

285 "LABPRO" VENUS PRESSURE APPARATUS

4100.00

286 "LABPRO" ABBE REFRACTOMETER MODEL

Refractometer is a very precised optical instrument Designed for quick and accurate measuring system by using a few drops of liquid Quite suitable for testing and control of purity/Quality suitable for testing and control of purity quality of oils sugar paraffins waxes, animals and plants fats, glycerine sugar % scale 0-95% brix

A Measuring Range : Ref Intex 1.30 to 1.70

10500.00

287 "LABPRO" BUTYRO REFRACTOMETER

Provided with doubles scale on is oil having range of 0 to 100an accuracy of ± 0.1 and the other is sugar having range of 50%-80% with an accuracy of $\pm 0.1\%$ also read direct on the scale

10500.00

288 "LABPRO" HAND REFRACTROMETER

A Pocket refract meter designed on the principle of total reflection for measuring the refractive index. Built in ocular scale, on inspection, gives direct reading for percentage of sugar density

A Range : 0-32%, 0.2% minimum scale

2800.00

B For mid range including fruit juices, canned goods with sugar content 29%

3150.00

C For high range sugar contact as honey Range : 58-92%

3600.00



LABPRO - 286



LABPRO - 288

289 "LABPRO" ROTARY MICROTOME (ERMA TYPE)

This microtome is required with a ball ban lange type object holder to get exact of spiceman knife holder with lateral movement permitting use of one complete knife eye and has feed range from 1.25 micromes in step of one microme.

20400.00

Razor 120mm with back and handle in box 1 no
Honing Stone in box 1 no
Object holder (Set of three) Set
Oil can and dust cover



LABPRO - 289

290 "LABPRO" SENIOR PRECISION ROTARY MICROTOME : (LATEST SPENCER 800 TYPE)

It is universally approved most modern and reliable sectioning equipment designed for very precise sectioning of tissue up to 1 microne thickness. The feed indicator located in front of microtome is operated by latest Cam Drive System with the following accessories in study wooden cabinet Razor 120mm with back & handle in box oil can handing stone in box dust cover object holders (set of three) and illustrated operating mannual.

26400.00



LABPRO - 290

290A "LABPRO" MICROTOME SPENCER LIPSA TYPE 31500.00

290B "LABPRO" SLEDGE MICROTOME 57800.00

291 "LABPRO" AUTOMATIC RAZOR KNIFE SHARPEN

A Spencer Type 21900.00
B Arthus Thomas Type 78500.00



LABPRO - 291

ELECTRONICS INSTRUMENTS

49 "LABPRO" DIGITAL pH METERS

Micro controller based Ph/Temperature/mv Meter a research grade 1 instrument with 16 x 2 alpha numeric LCD display having auto temperature compensation, auto buffer recognition along with accessories. Its features include 3 point calibration. Data Storage facility upto 1000 samples, complete with pH electrode, temperature probe, electrode stand, dust cover & instructions manual. Computer interface through USB

13200.00



LABPRO - 49

10 "LABPRO" AUTO DELUXE PH METER WITH AUTOMATIC TEMP.

Compensation, ph electrode and RTD probe 3 ½ digit LED display Useful for ph and Redox Potential measurements Range 0.00 to 14.00 Touch Button Calibrations Table Model

6400.00



LABPRO - 10

11 "LABPRO" AUTO DIGITAL PH METER WITH MANUAL TEMPERATURE

Compensation and combination pH electrode, 3½ digit LED display. Useful for pH and Redox Potential measurements. Range 0.00 to 14.00 Touch Button Calibration (Table Model)

5600.00



LABPRO - 11

14 "LABPRO" PORTABLE PH METER 'HANDY

3½ digit LCD display in ABS Plastic body, touch switches with combination pH electrode.

4400.00



LABPRO - 14

23 "LABPRO" DIGITAL PH, CONDUCTIVITY AND TEMP. METER

for measurement of Ph Conductivity & Temp 3½ digit LED Display with PH Combination electrode Conductivity Cell and Temperature probe Table Model

8400.00



LABPRO - 23

PHOTO COLORIMETERS

24 "LABPRO" DIGITAL PH CUM TEMPERATURE METER

For measurement of pH & temperature 3½ digit LED display with pH combination electrode and temperature probe (Table Model)

6200.00

ACCESSORIES ON REQUEST

A	PH Combination Electrode (0-14 pH)	900.00
B	Electrode Stand.	600.00
C	Temperature Probe	400.00



LABPRO - 111

111 "LABPRO" MICROPROCESSOR PHOTO COLORIMETER 8 FILTERS

Microprocessor Photo Colorimeter 8 filters With facility for direct measurement of results in conc., %T & O.D. Memory for Storage of 3 standards to avoid frequent use of standards. Automatic zero setting facility. 1 ml. solution measurement.

8800.00

114 "LABPRO" AUTO DELUXE PHOTO COLORIMETER 8 FILTERS

Auto Deluxe Photo Colorimeter 8 filters with facility for automatic zero setting with finger touch 2½ digit LED display Range 400 to 700nm highly accurate & compact

7200.00



LABPRO - 114

112 "LABPRO" DELUXE PHOTO COLORIMETER 8 FILTERS

Deluxe Photo Colorimeter 8 Filters mains cum battery operated with inbuilt rechargeable battery Optical density in 2½ digit LED Display Range 400 to 700nm 1ml solution measurement

7400.00

12 "LABPRO" DIGITAL PHOTO COLORIMETER 8 FILTERS

Digital Photo Colorimeter 8 filters mains operated with optical density in 2½ digit LED display, Range 400 to 700nm, 1 ml solution measurement.

6600.00



LABPRO - 12

13 "LABPRO" DIGITAL PHOTO COLORIMETER 5 FILTERS

Digital Photo Colorimeter 5 filters mains operated with optical density in 2½ digit LED display, Range 400 to 700nm, 1 ml solution measurement.

6000.00

ACCESSORIES ON REQUEST

A	Selenium Photo Cell	1000.00
B	Standard Glass Filter (each colour)	200.00
C	Test Tube (set of 5)	200.00



LABPRO - 13

CONDUCTIVITY METERS

“LABPRO” MICROPROCESSOR CONDUCTIVITY / TDS/ TEMP. METER

Microprocessor Conductivity / TDS/ Temp. Meter with 16 x 2 alpha numeric LCD display showing conductivity, TDS & temp. Features include Auto Ranging, Selectable reference temp. Data Storage upto 1000 samples Computer interface through USB /RS 232.

14800.00



LABPRO - 51

16 “LABPRO” AUTO DIGITAL CONDUCTIVITY METER (AUTO RANGING)

Auto Digital Conductivity Meter (Auto Ranging) 3½ digit LED display with facility for temperature compensation and digital cell constant adjustment along with conductivity cell & other accessories (Table Model)

6400.00



LABPRO - 16

17 “LABPRO” PORTABLE CONDUCTIVITY METER

Portable Conductivity Meter 3½ digit LCD display, battery operated.

4400.00

25 “LABPRO” DIGITAL CONDUCTIVITY CUM TDS METER

Digital Conductivity Cum TDS Meter 3½ digital LED display with facility for temp. compensation & digital cell constant adjustment along with conductivity cell (Table Model).

7000.00



LABPRO - 17

26 “LABPRO” AUTO DELUXE CONDUCTIVITY METER (AUTO RANGING)

Auto Deluxe Conductivity Meter (Auto Ranging) 3½ digit LED display with facility for automatic temp. compensation & digital cell constant adjustment along with conductivity cell & temperature probe (Table Model)

6800.00

ACCESSORIES ON REQUEST

A Conductivity Cell (cell constant 1.0)

1000.00

B Conductivity Cell (cell constant 0.5)

1400.00

291 “LABPRO” SINGLE BEAM MICROPROCESSOR UV-VIS SPECTROPHOTOMETERS (SCANNING MODEL)

Single Beam Microprocessor UV-VIS Spectrophotometers (Scanning Model) Range 195 to 1000nm with facility for automatic concentration, % Transmission, Absorbance & K factor measurements. Sample holder with 4 position selector control for 10mm path length cuvettes. Automatic wavelength calibration & wavelength scanning, automatic peak picking & spectrum display. Spectrum and data can be printed out by printer and sent to computer via USB port. Set of 2 quartz & 4 glass cuvettes is provided. Software included (Imported)

148000.00



LABPRO - 291

SINGLE/ DOUBLE BEAM UV-VIS SPECTROPHOTO METER

290 "LABPRO" SINGLE BEAM MICROPROCESSOR UV-VIS SPECTROPHOTOMETERS (ADVANCE MODEL)

Single Beam Microprocessor UV-VIS Spectrophotometers (Advance Model) Range 195 to 1000nm with facility for automatic concentration, %T, Absorbance & K factor measurement. Automatic wavelength calibration and selection. It has sample holder with 4 position selector control for 10mm path length cuvettes. Facility has been provided for interface with any printer USB. Set of 2 quartz and 4 glass cuvettes is provided. Highly stable and accurate. SOFTWARE INCLUDED. (Imported)

132000.00



LABPRO - 290

29 "LABPRO" SINGLE BEAM MICROPROCESSOR UV-VIS SPECTROPHOTO METER

Single Beam Microprocessor UV-VIS Spectrophoto Meter Range 195 to 1000 nm with facility for automatic concentration, % Transmission, Absorbance & K factor measurements. Manual Wavelength calibration and Selection Sample holder with 4 position selector control for 10 mm path length cuvettes. Interface (RS 232). Set of 2 quartz & 4 glass cuvettes is provided. Software included (Imported).

120000.00



LABPRO - 29

Accessories on Request

A	Deuterium Lamp D2	30000.00
B	Set of 2 Cuvettes (50mm) Quartz	7500.00
C	Set of 2 Cuvettes (10mm) Quartz	2200.00
D	Spare Lamp 6V, 10W	800.00

2910 SPECTROPHOTOMETER

Touch Screen Advance Double Beam UV-VIS Spectrophotometer Range 190-1100nm, fully automatic operations, automatic 8 cell changer, bandwidth 1nm automatic wavelength calibration & wave length scan, automatic peak picking & spectrum display. Large touch screen with graphic display. Spectrum and data can be printed out by printer and sent to computer via USB port. Software included (Imported).

335000.00



LABPRO - 2910

2900

Double Beam Microprocessor UV-VIS Spectrophoto Meter Range 190-1100 nm, fully automatic operations, automatic 8 cell changer, bandwidth 1nm, automatic wavelength calibration & wave length scan, automatic peak picking & spectrum display. Large screen with graphic display. Spectrum and data-can be printed out by printer and sent to computer via USB port. Set of 4 quartz and 16 glass cuvettes is provided, Software included (Imported).

325000.00



LABPRO - 2900

2800V (VARIABLE BANDWIDTH)

Double Beam Microprocessor UV-VIS Spectrophoto Meter (Variable bandwidth) Range 190-1100 nm, fully automatic operations. Variable bandwidth (0.5,1,2,4nm) automatic wavelength calibration & wave length scan, automatic peak picking & spectrum display. Large screen with graphic display. Spectrum and data can be printed out by printer and sent to computer via USB port. Software included (Imported).

325000.00



LABPRO - 2800V

DIGITAL SPECTROPHOTO METER

2800

Double Beam Microprocessor UV-VIS Spectrophoto Meter Range 190-1100 nm, fully automatic operations, automatic wavelength calibration & wave length scan, automatic peak picking & spectrum display. Large screen with graphic display. Spectrum and data can be printed out by printer and sent to computer via USB port. Software included (Imported).



290000.00 LABPRO - 2800

31 "LABPRO" DIGITAL SPECTROPHOTOMETER (DOUBLE DISPLAY)

Digital Spectrophotometer (Double Display) Range 340-960 nm . with facility for automatic concentration, % Transmission and absorbance measurements. 3½ digit data display, separate 3 digit LED display for Wavelength in nm with 1 nm wavelength resolution. Equipped with a set of 2 Cuvettes.

28000.00



LABPRO - 31

38 "LABPRO" DIGITAL SPECTROPHOTOMETER (DOUBLE DISPLAY)

Digital Spectrophotometer (Double Display) Range 340-960 nm with facility for automatic concentration, % Transmission and absorbance measurements. 31/2% digit data display, separate 3 digit LED display for Wavelength in nm with 1 nm wavelength resolution. Provision for 10mm & 50mm path length Cuvettes. Provided with set of 10mm & 50mm path length Cuvettes.

30000.00



LABPRO - 38

39 "LABPRO" MICROPROCESSOR SPECTROIPHOTOMETER VISIBLE SINGLE BEAM

Microprocessor Spectroiphotometer Visible Single Beam with range 320-1020nm and facility for Auto Concentration, % Transmission, Absorbance and K factor measurement. It has 3½ Bright LCD display for data. Its sample holder accomodates glass cuvettes of 10 to 50mm path length. Facility has been provided for unlimited sample data storage and interface for any printer through RS232C. A set of 4 glass cuvettes of 10mm path length is provided. Including software.

42500.00



LABPRO - 39

40 "LABPRO" DIGITAL SPECTROPHOTOMETER (DOUBLE DISPLAY)

Digital Spectrophotometer (Double Display) Range 340-960nm with facility for automatic concentration, % Transmission and absorbance measurements. 3½ digit data display, separate 3 digit LED display for Wavelength in nm with 1 nm wavelength resolution. Provision for 10mm, 50mm & 100mm path length cuvettes. Provided with set of 10mm, 50mm & 100mm path length cuvettes.

38000.00

ACCESSORIES ON REQUEST

A	Set of 2 Cuvettes (50 mm)	2200.00
B	Set of 2 Cuvettes (10 mm)	800.00
C	Spare Lamp 6v, 10 w	350.00

3100

Biophotometer is new designer model, suits for quick test of DNA, RNA and Protein, especially for small size samples. Can measure 0.5~3 μ L samples, no dilution of samples required, Quick scan 0.2 seconds only, long life lamps more than 2000 hours, wavelength Range : 200~850nm, Resolution 1nm, Detects Nucleic acid upto 2~3750ng/ μ L, Detects Protein up to 0.1 0.02~3.00Abs, Path Length : 0.5mm, Light Source D2Wlamp, Software Included (Imported).

760000.00

"LABPRO" PCR THERMAL CYCLER

Non Gradient Thermal Cycler with adjustable pressure hot lid, to prevent volatilizing and dewing. Heat lid with pressure alarm device, to prevent damaging test tube by too much pressure. Convenient and flexible module replacement mode. Innovative module wire socket design achieves module replacement without wire. The unique left-right design for amplification area and operating area. Coloured and wide screen displaying multiple details. Perform 20000 times non-breakdown operation. Block capacity 64x 0.2ml Temp. range 4oC~99oC, Max heating rate <2.5oC/s, Max cooling rate <2.5oC/s, Temp. display accuracy 0.1oC, Max program unit 9, Max Cycle No. 99. (Imported)

145000.00



LABPRO 3100



LABPRO - 240

4100

FT-IR SPECTROMETER Spectral Range : 7800 to 350 cm^{-1} Resolution: Better than 0.85 cm^{-1} Wave number Precision : +0.01 cm^{-1} Scanning Speed: 5-step adjustable for different Applications, Signal to noise ratio: better than 15000:1 (RMS value, at 2100 cm^{-1} , Resolution: 4 cm^{-1} Detector: DTGS, 1 minute data collection Beam Splitter: Ge coated KBr, Infrared Source: Air-cooled, high efficiency Reflex phere module, Detector: DTGS, Data System: Computer Compatible Software: FTIR Software contains all routines needed for basic spectrometer operations, including library search, quantitation and spectrum (Imported).

1525000.00



LABPRO - 4100



LABPRO - 1201

1201

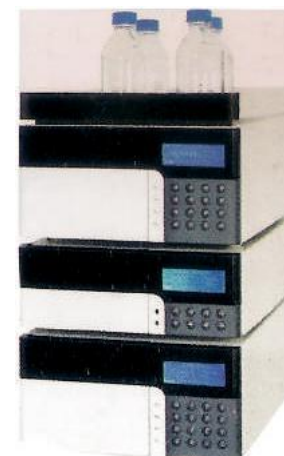
Auto Biochemistry Analyser for End point, kinetic, fixed point Multi standard and coagulation tests. Quartz flowcell system Built-in thermal printer with graphic capability. Upto 250 test items, 240x128 LCD display, Peltier controlled thermostat, open reagent system, user freindly.

145000.00

3201

HPLC Isocratic System with high pressure solvent delivery pump, Multi-wavelength UV Detector Sample inject valve Rheodyne 7725i, LC Column (USA) with workstation software. Wavelength range : 190~700nm, Wavelength accuracy + 1nm Spectral bandwidth -8nm, flow cell volume 8 μ L, optical length -10nm (Imported)

640000.00



LABPRO - 3201

LIQUID CHROMATOGRAPH/HEMOGLOBIN

3202

HPLC Binary Gradient System with high pressure solvent delivery pump, Multiwavelength UV Detector, sample inject valve Rheodyne 7725i, LC Column (USA), Binary gradient system with workstation software. Wavelength range 190~700nm, Wavelength accuracy +1nm Spectral bandwidth -8nm, flow cell volume 8uL, optical length -10nm (imported)

850000.00



LABPRO - 113

113 "LABPRO" DIGITAL HEMOGLOBIN METERS

Digital Hemoglobin Meters with finger touch zero setting. Memory for the storage of samples, 1ml. Solution measurement. Suitable for laboratory.

7200.00

113P

Portable Haemoglobin Meter:- Portable high performance digital hemoglobin meter is fully automated process. This provide easy, fast & verry accurate monitoring of haemoglobin. In this the adjustment or calibration is not needed and ensures to provide results within 15 seconds. 10 Testing strips, measuring range : 5-25 gm/dl, memory: 1000 test results, auto calibration.

9800.00



LABPRO - 113P

WATER/SOIL TESTING KITS

59 "LABPRO" MICROPROCESSOR WATER AND SOIL ANALYSIS KIT

Microprocessor Water and Soil Analysis Kit for measurement of pH, conductivity, mv, TDS, Salinity, D.O. & temperature 16 x 2 Alphanumeric LCD Display, Battery cum mains operated with all accessories fitted in a briefcase. Data storage facility upto 1000 samples and external printer attachment facility available. Computer interface through USB/RS 232.

31000.00



LABPRO - 59

68 "LABPRO" DELUXE WATER AND SOIL ANALYSIS KIT

Deluxe Water and Soil Analysis Kit 3½ digit LCD display covering 8 parameters: pH, mV Conductivity, TDS, Salinity, Turbidity, D.O. & Temp. with rechargeable battery complete with accessories, fitted in briefcase.

20000.00



LABPRO - 60

60 "LABPRO" DELUXE WATER AND SOIL ANALYSIS KIT

Deluxe Water and Soil Analysis Kit 3 1/2 digit LCD display covering 7 parameters: pH, Conductivity, TDS, Salinity, Turbidity, D.O. & Temp. with rechargeable battery complete with accessories, fitted in briefcase.

19000.00



LABPRO - 61

61 "LABPRO" DIGITAL WATER AND SOIL ANALYSIS KIT

Digital Water and Soil Analysis Kit 3 1/2% digit LCD display covering 6 Parameters: pH, Conductivity, TDS, ORP, D.O. & Temp. Battery cum mains operated, complete with accessories, fitted in briefcase.

16500.00

TURBIDITY METER/COLONY COUNTERS/ FRIABILITY APP.

62 "LABPRO" WATER AND SOIL ANALYSIS KIT

Water and Soil Analysis Kit 3½ digit LCD display covering 5 Parameters: pH, Conductivity, TDS, ORP & Temperature. Battery cum mains operated, complete with accessories, fitted in briefcase.

15000.00



LABPRO - 33

33 "LABPRO" DIGITAL TURBIDITY METER

Digital Turbidity Meter 3½ digit LED display. Range upto 1000 NTU/JTU in 2 ranges.

8500.00



34 "LABPRO" DIGITAL NEPHELOMETER

Digital Nephelometer 3½ digit LED display Range upto 200 NTU in 2 ranges.

7600.00



LABPRO - 34

35 "LABPRO" MICROPROCESSOR TURBIDITY METER

Microprocessor Turbidity Meter with 16x2 alpha numeric LCD Display having 2 ranges upto 1000 JTU with data storage facility up to 1000 samples, also stroage of 2 standards to avoid frequent use of standard solution, computer interface through of RS 232.

13200.00



LABPRO - 35

Accessories on Request

- A Set of 3 Glass Test Tubes
- B Spare Lamp 4W, 0.75 Amp

300.00

400.00

36 "LABPRO" DIGITAL COLONY COUNTER

Digital Colony Counter 3 digit LED display Range 0-999 with 125 memory, hold and count correction facility. Data restored even after power failure.

3800.00



LABPRO - 37

37 "LABPRO" DIGITAL COLONY COUNTER

Digital Colony Counter 4 digit LED display Range 0-9999 with 125 memory, hold and count correction facility. Data restored even after power failure.

4400.00



LABPRO - 70

ACCESSORIES ON REQUEST

- A Spare pen for Colony Counter
- B Lens Stand

350.00

200.00

70 "LABPRO" DIGITAL FRIABILITY APPARATUS

Digital Friability Test Apparatus (Double Drum) measures Obsession Strength of tablets with programmable timer. Rotation Speed 25 rpm +1, auto & manual mode of operation with 2 acrylic drums. Results are displayed on 3 digits LED display and it has a 3 digit presetable control.

14500.00

MELTING POINT APP./FLAME PHOTOMETER

“LABPRO” DIGITAL FRIABILITY TEST APPARATUS (SINGLE DRUM)

Digital Friability Test Apparatus (Single Drum) measures Obsession Strength of tablets with programmable timer. Rotation Speed 25 rpm +1, auto & manual mode of operation with 1 acrylic drums. Results are displayed on 3 digits LED display and it has a 3 digit presetable control.

12500.00



LABPRO - 110

110 “LABPRO” AUTOMATIC MELTING POINT APPARATUS

Automatic Melting Point Apparatus, High Precision. Melting Point is Displayed on 3 1/2 digit display on front panel. Automatic Furnance cut off with audio and Visual indication. Range 40oC to 350oC, readability 1oC. Fully automatic operation.

28500.00



LABPRO - 115

115 “LABPRO” DIGITAL MELTING POINT APPARATUS

Digital Melting Point Apparatus with in-built Silicon Oil Bath and Stirrer. Adjustable heating rate and Stirrer speed. Range upto 275°C with readability of 1°C.

18000.00

65 “LABPRO” DIGITAL FLAME PHOTOMETER (SINGLE CHANNEL)

Digital Flame Photometer (Single Channel) with filter (Na & K) 3 1/2 digit LED display (ppm) along with compressor and other accessories. Auto ignition, Ca & Li filter can be provided on request at extra cost.

25000.00



LABPRO - 66

66 “LABPRO” DIGITAL FLAME PHOTOMETER (DUAL CHANNEL)

Digital Flame Photometer (Dual Channel) single aspirations, with filter (Na & K). Final result in ppm, 2 1/2 digit dual LED display for simultaneous result along with compressor & accessories, auto ignition, Ca & Li Filter can be provided on request at extra cost.

29000.00



LABPRO - 671

671 “LABPRO” MICROPROCESSOR FLAME PHOTOMETER

Microprocessor Flame Photometer Four Element measurement in a single aspiration (Na, K, Li and Ca). Calibration curve fit routines first order and second order. Data displayed in concentration units i.e. ppm & meq, automatic filter selection; auto calibration feature. printer attachment, PC connecting compatibility, Sample data storage more than 500 results. Alphanumerical key board for easy data entry. Graphical LCD display thus easy to read. Curve calibration using upto 5 staddard, Multiple calibration curve saving facility, Stainless steel burner. Auto Gas cut off in case of power failure. Provided with 2 Filters & Compressor.

48500.00



LABPRO - 15

Accessories on request

- A Filters (Na, K, Li, Ca) Anyone
- B Air Compressor

3000.00

5200.00

15 “LABPRO” AUTO DIGITAL TDS METER ATUO RANGING

Digita1 TDS Meter 3 1/2 digit LED Display with facility for temperature compensation and digital cell constant adjustment along with TDS cell & other accessories (Table Model)

6400.00

TDS/SALINITY METER/DISSOLVED OXGEN METERS

19 "LABPRO" PORTABLE TDS METER

Portable TDS Meter 3½ digit LCD display. Battery operated. **4400.00**

20 "LABPRO" DIGITAL SALINITY METER

Digital Salinity Meter 3½ digit LED display with salinity cell and other accessories. (Table Model) **6000.00**

21 "LABPRO" AUTO DELUXE TDS METER (AUTO RANGING)

Auto Deluxe TDS Meter (Auto Ranging) 3½ digit LED display with facility for automatic temp. compensation & digital cell constant adjustment along with TDS cell & temperature probe. (Table Model). **6400.00**

ACCESSORIES ON REQUEST

A TDS Cell (cell constant 1.0) **1200.00**
B TDS Cell (cell constant 0.5) **1400.00**

52 "LABPRO" MICROPROCESSOR D.O. METER

Microprocessor D.O. Meter with 16 x 2 alpha numeric LCD display, 1 simultaneous display of D.O. & temperature. Data Storage facility upto 1000 samples, Computer interface through RS 232, Supplied with D.O. probe, temperature probe, electrode stand, dust cover & instruction manual. **14800.00**

18 "LABPRO" DIGITAL DISSOLVED OXYGEN METER

Digital Dissolved Oxygen Meter 3½ digit LED display with Gold/Silver D.O. Probe. (Table Model) **6400.00**

27 "LABPRO" DIGITAL DISSOLVED OXYGEN ANALYSER CUM TEMPERATURE METER

Digital Dissolved Oxygen Analyser cum Temperature Meter along 7 with Gold/Silver D.O. probe and RTD temperature probe. (Table Model) **7200.00**

28 "LABPRO" PORTABLE DIGITAL DISSOLVED OXYGEN METER

Portable Digital Dissolved Oxygen Meter 3½ digit LCD display with Gold/Silver D.O. Probe. **4200.00**

ACCESSORIES ON REQUEST

A Dissolved Oxygen Probe **1400.00**
B Set of 10 DO Membranes **300.00**



LABPRO - 19

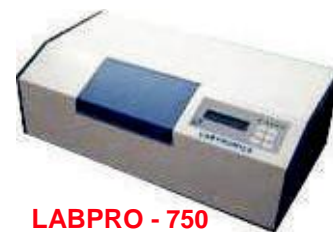


LABPRO - 52

750 "LABPRO" DOMESTIC ADVANCED DIGITAL CIRCUIT AND MICROCOMPUTER

Domestic Advanced Digital Circuit and Microcomputer control based, LCD display storage of three times results for Re-M (repetition measurement) and calculation of average value Measurement of colored sample RS232 Interface. Measurement range -45o to +45o, -120o to +120oZ. Most suitable for sugar industries for sugar content measurements.

198000.00



LABPRO - 750

730 "LABPRO" DIGITAL VISCOMETER

Digital Viscometer having advantage of high accuracy, stable digital display. Easy to operate and good anti-interference. It is widely used in the measurement of viscosity of various kinds of fluids such as grease, paints, food, medicine, adhesive and cosmetic etc. It can also be used for liquids. Its with LCD display measurement ranges is 10-1x105 mPa.s with 4 spindles. 6/12/30/60 rotor speed (RPM)

135000.00



LABPRO - 730

63 "LABPRO" KARL FISHER TITRIMETERS

KARL FISHER TITRIMETERS Auto Karl Fisher Titrimeter having array of LED's provided with inbuilt stirrer, auto zero burette, adjustable timer, dual platinum electrode & other accessories.

15000.00

ACCESSORIES ON REQUEST

- | | | |
|---|------------------------------|----------------|
| A | Dual Platinum Electrode | 1200.00 |
| B | Burette Clear Glass (10 ml.) | 1400.00 |



LABPRO - 63

32 "LABPRO" DIGITAL POTENTIOMETER

Digital Potentiometer for Redox Potential Measurement 3 1/2 digit LED Display, Range 0 to + 1999 mv. Resolutions 1 mv. Accuracy +1 %, Power supply 230v +10% AC Supplied with O.R.P. Electrodes, Electrode Stand & Dust Cover.

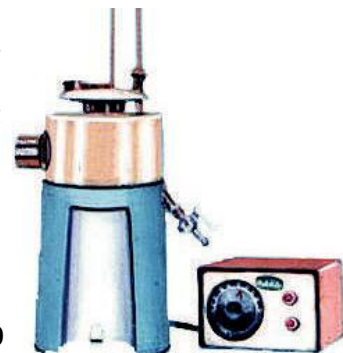
6200.00

ACCESSORIES ON REQUEST

- | | | |
|---|---------------------|----------------|
| A | Platinum Electrode | 1200.00 |
| B | Silver Electrode | 1200.00 |
| C | Reference Electrode | 800.00 |
| D | Glass Electrode | 700.00 |

" LABPRO " REDWOOD VISCOMETERS

These viscometers are designed for viscosity tests of petroleum Products. They confirm to requirements of IP 70 (Former). Two adaption of Red Wood viscometer are available No. 1 for liquids having Red Wood flow 20 seconds to 2000 seconds and No. II for liquids whose flow time exceeds 2000 seconds. The complete out fit comprises Stainless steel bath with electrical heating arrangement suitable to operate at 220 Volts AC Mains with tap, oil cup with precision stainless steel jet, cup cover, ball valve, thermometer-clip. Stirrer and M.S. Sheet stand Special Feature : S.S. Bath made of Spun Sheet one piece Joint less.



" LABPRO " REDWOOD VISCOMETER NO. 1

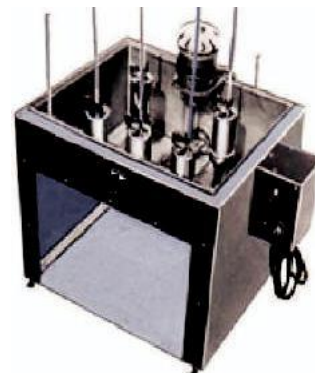
2501	"LABPRO" Electrically Heated With Energy Regulator control	9650.00
2502	"LABPRO" Electrically Heated With Digital Indicator and Regulator	12750.00
2503	"LABPRO" Electrically Heated With Voltage varrier (Copper Coil)	15600.00
2504	"LABPRO" with Electronic Digital Indicator and Controller & FHP Motor Stirrer With Lighting Arrangement	28350.00

" LABPRO " REDWOOD VISCOMETER NO. 2

2505	"LABPRO" Electrically Heated With Energy Regulator control	11050.00
2506	"LABPRO" Electrically Heated With Digital Indicator and Regulator	13470.00
2507	"LABPRO" Electrically Heated With Voltage varrier (Copper Coil)	17720.00
2508	"LABPRO" With Digital Indicator and Controller & FHP Motor Stirrer	29770.00

" LABPRO " REDWOOD VISCOMETER MULTIPLE APPARATUS

It consists, One Red Wood No.1 cup and One Red Wood No. 2 cup are installed in the bath. The bath is made from S.S. Sheet The temperature is Controlled by Electronic Digital Temperature Controller. The Stirring is done by FHP electric motor in the heating compartment. The unit has 2 sets of Oil Cup covers, thermometer Clips and ball valve. Suitable to operate on 220 volts AC Circuits.



2509	"LABPRO" REDWOOD VISCOMETER MULTIPLE APPARATUS	34020.00
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OPTIONAL :-

8C	"LABPRO" IP (0/450Cx0.20C) Low range Thermometer	640.00
2501 b	"LABPRO" IP (40x850Cx0.20C) Medium range Thermometer	640.00
2501 c	"LABPRO" IP 10C (76x1220Cx0.20C) High range Themometer	640.00
2501 d	"LABPRO" Flask Receiver 50ml capacity	500.00
2501 f	"LABPRO" Spare Cup with valve for Redwood No. 1	4250.00
2501 g	"LABPRO" Spare Cup with valve for Redwood No. 2	4820.00
2501 i	"LABPRO" Spare Heater for Redwood No. 1 and No. 2 App.	1130.00
2501 k	"LABPRO" Spare Ball Valve for Redwood No. 1 and No. 2 App.	430.00
2501 l	"LABPRO" Stop Watch Electronic Model	580.00
2501 m	"LABPRO" Stop Clock Table Model	1990.00

" LABPRO " TAR VISCOMETER APPARATUS

As per IP 72 and is 1206 standards. It is used for determination the viscosity of road oils and cut back bitumen. It consists S.S. Bath with cup of 10 mm or 4mm orifice and sleeve, Stirrer with lifting clip and ball. The assembly kept on Suitable stand with levelling Screws. Suitable to operate on 220 Volts AC Mains.



2510	"LABPRO" Electrical Heating with energy Regulator Control	8790.00
2510A	"LABPRO" Electrical Heating with Digital Indicator and Regulator	12760.00

" LABPRO " TAR VISCOMETER MULTIPLE APPARATUS

Consist 2 cups in a S.S. Water Bath mounted on Stand with levelling feet. Fitted with 1000 watts heater. Temperature is controlled by DIGITAL ELECTRONIC CONTROLLER with F.H.P. electric motor Stirrer. Supplied with one Tar Cup 10mm and one 4 mm orifice with Valves.



2511 "LABPRO" Tar Viscometer Multiple Apparatus 31200.00

OPTIONAL :-

- 2510a "LABPRO" Spare Silver Plated Cup 10mm or 4mm orifice 3970.00**
- 2510b "LABPRO" Measuring Cylinder 100 ml cap. 500.00**
- 2510c "LABPRO" IP8C (0/450Cx0.20C) Low Range Thermometer 640.00**
- 2510d "LABPRO" IP9C (40x850Cx.20C) Medium Range Thermometer 640.00**
- 2510e "LABPRO" IP10C (76x1220Cx0.20C) High Range Thermometer 640.00**
- 2510g "LABPRO" Spare Heater 400 W 1150.00**
- 2510h "LABPRO" Electronic Stop Watch 580.00**

" LABPRO " ENGLER VISCOMETER APPARATUS

As per IP 212 and ASTMD-490. Used for determining the Viscosity of lubricating and fuel oils.



2512 "LABPRO" Electrical Heating with energy regulator control 8500.00

"LABPRO" Electrical Heating with Electrical Indicator and 12760.00

Regulator

OPTIONAL :-

- "LABPRO" Engler ASTM 24C Thermometer 700.00**
- (39/54°Cx0.2°C) 700.00**
- "LABPRO" Engler ASTM 25C Thermometer 420.00**
- (95/105°Cx0.2°C) 420.00**
- 2512 c "LABPRO" Teflon Valve 580.00**
- 2512 c "LABPRO" Spare Wooden Valve 4250.00**
- 2512 e "LABPRO" flask 200 ml. Capacity 1130.00**
- "LABPRO" Wooden case for above**
- Apparatus "LABPRO" Spare Heater for 700.00**
- above**

LABPRO " SAYBOLT VISCOMETER APPARATUS

Made as per ASTMD-88 specifications with Universal and Furol Jets made of Stainless Steel. Stirring is done by hand with turn table arrangement (without Strainer, withdrawl Tube and glass wares). Suitable to operate on 220 Volts AC mains.



2513 "LABPRO" Elect. Heating with Energy Regulator control "LABPRO" Spare Jet Furol

2513A "LABPRO" Elect. Heating with Electronic Indicator and "LABPRO" Flask 60 cc.

Regulator "LABPRO" Single Tube Saybolt Viscometer with "LABPRO" ASTM17C

Control Range 19 to 27°C Thermometer

9200.00

12760.00

29770.00

31200.00

1420.00

580.00

4250.00640.00

OPTIONAL ACCESSORIES

- 2513b "LABPRO" Strainer for filtering oil 640.00**
- 2513b "LABPRO" Withdrawl Tube (Metal) 430.00**
- 2513c "LABPRO" Spare Cup without Jets 700.00**
- 2513d "LABPRO" Spare Jet Universal**

2513i	"LABPRO" ASTM 18C Range 34 to 42°C Thermometer	700.00
2513j	"LABPRO" ASTM 19C Range 49 to 57°C Thermometer	700.00
2513k	"LABPRO" ASTM 20C Range 57 to 65°C Thermometer	700.00
2513l	"LABPRO" ASTM 21C Range 79 to 87°C Thermometer	700.00
2513n	"LABPRO" ASTM 22C Range 95 to 103°C Thermometer	700.00
2513r	"LABPRO" COMMON RANGE Thermometer 0-100°C	700.00

" LABPRO " KINEMATIC VISCOMETER BATH

{IP-71 and IS 1448 (P-25) 1976} This viscometer bath is used to maintain the correct constant Temperature for estimating kinematic Viscosity of Oils & Petroleum product. In this type of bath Various Viscometers may be fixed as an internal part of bath .The bath is rectangular in shape . Inside tank made of Stainless steel sheet. On two sides toughned glass provided for full visibility of objects. The bath is controlled by an electronic relay and Digital Contraller Temperature range 50C above room temperature to 1000 C. Accuracy $\pm 0.10C$ Stirring is done by a F.H.P. elect. motor stirrer. It is Supplied with Viscometer tube holders and S.S. Cover.

OPTIONAL ACCESSORIES

2515	"LABPRO" Kinematic Viscometer Bath of chamber Size 12"x9"x12" deep for 4 Viscometer with Digital Temp. Indicator & Controller	39690.00
2516	"LABPRO" Kinematic Viscometer Bath Chamber Size 12"x12"x12" deep for 6 Viscometers with Digital Temp. Indicator & controller.	42520.00
	"LABPRO" Kinematic Viscometer Bath with REFRIGERATION SYSTEM Temp Range 0° to 100° C	85050.00
2518	"LABPRO" Kinematic Viscometer to accomodate 3 Glass Viscometer Tubes with round glass Vessel. Digital Temp. Controller with Indicator. Suitable up to 1200C Temp. accuracy $\pm 0.10C$.	42520.00
2515a	"LABPRO" Viscometer U tube BS/U Size A, B, C, D, E, F, G & H	2550.00
2515b	"LABPRO" Viscometer U Tube Reverse Flow (For Opaque Liquids) SIZE 2, 3, 4, 5, 6,7, 8 9, 10 & 11	2550.00
2515c	"LABPRO" Viscometer Cannon Fenske, Direct Flow BS/IP/CF Viscosity Range SIZE 25, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500 & 600	2575.00
2515d	"LABPRO" Viscometer Cannon Fenske Reverse Flow SIZE 100, 150, 200, 300, 350, 400, 450, 500 & 600	2575.00
2515e	"LABPRO" Viscometer Suspended level BS/IP/SL SIZE 1, 1A, 2, 2A, 3, 3A,4	2550.00
	"PSAW" Spare Viscometer Holder	850.00
2515g	"LABPRO" Electronic Stop Watch 5	580.00
2515h	"LABPRO" Stop Clock Table Model	1980.00
2515i	"LABPRO" Lighting Attachment	



Note: Please mention Size and Viscosity range of Viscometer tube with indent. TheViscometers are supplied with Constant Certificate. The prices are for each size.

" LABPRO " FLOW CUP VISCOMETER

This apparatus is suitable for determining the close cup flash point of petroleum and mixtures according to IP 33 and IP 170 and also IS 1448 (Part I) 1985 (P:20). It is suitable for oils whose flashes below 700 C. It is supplied with oil cup, cover fitted with stirrer, thermometer socket S.S. Water Bath, Stand. An electric heater is fitted at bottom for operation on 220 Volts AC Circuits.



This type of cup has been in popular use for many years and confirms to IS 3944-1965 specifications. These are available in following sizes. Jet No. B-1, B-2, B-3, B-4, B-5 & B-6.

2519	"LABPRO" Flow cup viscometer with Stand and	3120.00
	Screws "LABPRO" Spare brass cup with any size	2270.00
	Jet	

" LABPRO " ABELS FLASH POINT APPARATUS

2520	"LABPRO" Abels Flash Point Apparatus, Elect. Heating with Energy Regulator Control - Oil Test Jet"	9200.00
2521	"LABPRO" Same as above - but with concealed Hot Plate. Oil Test Jet.	10780.00
2522	"LABPRO" Abels Flash Point App. with Regulator Digital Temp. Indicator	13470.00
2522E	"LABPRO" Same as Above - with Geared FHP. Elect. Driven Stirrer (120 R.P.M.)	21270.00
2523	"LABPRO" Fully Automatic Abel Flash Point apparatus Temp. Range + 5°C to 85°C Micro Processor Controlled with Key Board for Programming. Gas Jet System Complete Unit	99230.00

"LABPRO" Abel Flash Point Apparatus Temp range -18°C to + 70°C with Refrigeration System as per IP-170 with oil Test Jet System with Digital Temp. Indicator and FHP Motor Stirrer



Note :- All above models can be supplied with "Gas Test Jet" with reducing socket in place of Oil Jet System at extra Cost Rs. 1100/- each.

OPTIONAL ACCESSORIES.

2520a	"LABPRO" Abel Oil Cup Thermometer (-35/700C x 005C) IP 74C	640.00
2520b	"LABPRO" Abel Water Bath Thermometer (-30/800C x 005C) IP-75C	640.00
2520e	"LABPRO" Spare cup for above Apparatus	2130.00
2520f	"LABPRO" Spare top (Cover Assemble) with Shutter mechanism	4250.00
2520	"LABPRO" Spare Nichrome Heating element	280.00
	"LABPRO" Concealed Hot plate with Housing.	2570.00

" LABPRO " PENSKY MARTEN FLASH POINT APPARATUS

This apparatus is made as per IP 34, ASTM D-93 and IS 1448 (Part I) 1270 (P.21) and IS 1209-1953 method B. Used for finding out Flash Point above 700 C and below 3000 C. The Instrument having Oil Test Jet/Gas Test Jet Flame Device, stirrer with flexible shaft. The Assembly rests in Air Bath which is covered with Dome shape metal top. The cup is fitted with insulated Handle and locking arrangement near Cup flange. The assemble is kept on round shape electric heater with Separate temp.regulator. Suitable for operation on 220 Volts 50 cycles AC Circuits

2525	"LABPRO" P. M. Flash Point App. Elect. Heated with Energy Regulator Oil Test Jet	9660.00
2526	"LABPRO" Same as above -- Elect. Heated With Concealed Hot Plate & Oil Test Jet	11080.00
2527	"LABPRO" P. M. Flash Point App. Elect. With energy Regulator, Geared Motor Stirrer (120 R.P.M.) Oil Test Jet	18160.00
2528	"LABPRO" P. M. Flash Point App. with Electronic Temp. Indicator and Regulator Oil Test Jet	16300.00



OIL & PETROLEUM TESTING INSTRUMENTS

	"LABPRO" Pensky Martens Flash Point App. with Electronic voltage Variac and Digital Temp. Indicator and Constant Speed. Stirring device Oil Test	25520.00
2530	"LABPRO" Semi Automatic Flash Point Apparatus with Electronic Temp. Controller, Automatic Dipping cycle with Remote Control Oil Test Jetor Gas Test Jet.	85050.00
2531	"LABPRO" Fully Automatic Flash Point App. Micro Controller based with LCD Display Temp. Range form 800C to 3500C 0.01c Direct Resolution. Automatic Stirrer Gas Test Jet System.	

Note : All above models can be supplied with "Gas Test Jet" system with Reducing Valve in place of Oil Jet Flame at extra cost Rs. 1350/- each

OPTIONAL ACCESSORIES.

2525a	"LABPRO" Opencilip for Converting Close Model To Open Cup test Model as per IP 35	3550.00
2525b	"LABPRO" IP 15C Low range (-7/110Cx005C) thermometer	640.00
2525c	"LABPRO" IP 16C High range (90x370Cx20C) thermometer	640.00
2525e	"LABPRO" Spare Cup with Handle	2270.00
2525f	"LABPRO" Spare Cover Assembly	5400.00
2525g	"LABPRO" Spare Nichrome heating element	280.00
	"LABPRO" Spare Concealed Hot Plate with Housing	2850.00

" LABPRO " CLEVELAND FLASH POINT & FIRE POINT APPARATUS

This apparatus is used for determination of flash point and fire point of petroleum products open cup flash above 800C as per specification IP 36 and IS: 1448 (P: 69) 1969. The apparatus consists of a cup, heating plate to specific dimension thermometer clip and test flame attachment with swivel joint for passing over test liquid surface in the prescribed manner, Heating is controlled by means of energy regulator fitted to the apparatus. Suitable for operation on 220 Volts 50 cycles AC Circuits.



2532	"LABPRO" Cleaveland flash point & fire point Apparatus Electrical Heating with Energy Regulator Gas Test Jet	6520.50
2533	"LABPRO" With oil wick Arrangement	6250.00
2534	"LABPRO" Same as above with - Gas Jet & Oil Wick Arrangement Combined Model	7090.00
2535	"LABPRO" Cleavelad Flash Fire Point App. with Electronic Digital Temp. Indicator and Temp. Regulator	15330.00
2536	Automatic Flash & Fire Point App. Membrance key pad to Selection of Disered Flash Point programme. Rapid heating stage. Multi Functional Arm for Ignition device. Complete Set.	

OPTIONAL ACCESSORIES.

2532a	"LABPRO" Thermometer IP 28C (-50C to 4000C)	640.00
2532c	"LABPRO" Spare Cup with Handle	2835.00
2532e	"LABPRO" Spare Nichrome element	315.00
2532f	"LABPRO" L.P.G. Test flame container with Valve	5670.00

" LABPRO " PENETROMETER APPARATUS

[As per IP 49, 50 & 167 specifications and also per IS 1448 (P: 60) & (P: 93)] This apparatus is used for penetration test on a wide variety of materials. It consists of a head Support mounted on a vertical rod which can be adjusted for height. A rack and pinion and pointer assembly provides fine adjustment of needle tip to Sample and in Corporates a Slipping clutch mechanism which make reading of penetration and subsequent resetting a sample and accurate operation. The dial graduate from 0-400 in one tenth millimeter Sub Division. The Instrument is supplied with two sample containers & 2 Wts..



2537	"LABPRO" Penetrometer with containers and weights having penetration Needle. (Bitumen)	10490.00
2538A	"LABPRO" Penetrometer Apparatus with containers and weights having penetration CONE HOLLOW type (Grease)	11075.00
2538E	"LABPRO" Same as above - but with Geared arrangement for moving the arm with geared unit	25515.00
2539A	"LABPRO" Penetrometer with Brass Cone & Needle With DIGITAL TIMMER DEVICE (Adjustable)	19845.00
2539	"LABPRO" Same as above --- but with Geared arrangement for moving the arm with geared unit	34020.00

OPTIONAL ACCESSORIES.

2537b	"LABPRO" Spare penetration Needle (Pack of Two)	640.00
2537c	"LABPRO" Spare penetration solid cone	1420.00
2537d	"LABPRO" Spare penetration Brass hollow cone	1420.00
2537e	"LABPRO" Grease worker hand operated	7370.00
2537f	"LABPRO" Grease worker hand operated Big Handle (Lever Type)	9925.00
2537	"LABPRO" Grease cutter as per IP 50	4255.00
2537	"LABPRO" Transfer Dish	700.00

" LABPRO " DISTILLATION APPARATUS

[As per IP 123, 191 and IS 1448 P : 18 specifications]

This apparatus is used for determinations of distillation characteristics of petroleum products. The instrument consists of metal shield to support distillation flask with GEARED HEIGHT ADJUSTABLE DEVICE. It has a slot for vapour tube. A glass window is provided in front side for clear view of inside objects. It also has cooling bath or condensor with M.S. black painted stand. Electrically heated. The instrument is supplied with two square asbestos boards with 50mm and 70mm holes. (without glass wares)



2540	"LABPRO" Single Distillation Apparatus electrically heated with energy Regulator with Gear device	9920.00
2541	"LABPRO" Single Distillation Apparatus with Electronic Regulator and Temp. Indicator with Gear device	15595.00
2542	"LABPRO" Twin (Duplex) Distillation Apparatus elect. Heated model with two energy Regulators with Gear device	19845.00
2543	"LABPRO" Twin (Duplex) Distillation Apparatus with Electronic voltage Variers with Gear Device	34020.00
2544	"LABPRO" Distillation Apparatus for Crude Petroleum as per IP-24 with One glass Condensor Elect., with Energy regulator control	11060.00

OPTIONAL ACCESSORIES.

2540b	"LABPRO" Distillation Flask 125ml	430.00
2540c	"LABPRO" Distillation Flask 250ml	580.00
2540d	"LABPRO" Measuring Receiver 100 ml	580.00
2540e	"LABPRO" spare Asbestos Board 38mm or 50 mm or 70 mm Dia Hole.	285.00
2540f	"LABPRO" Thermometer IP 5C (-2/3000Cx1C)	580.00
	"LABPRO" Thermometer IP 6C (-2/4000Cx1C)	580.00

" LABPRO " BOMB CALORIMETER APPARATUS

(IP-12 Specifications)

It is used for determination of calorific value of liquid & Solid fuels. The Instrument consists S.S. Body made out of corrosion resisting stainless steel Rod cap. 300 ml, Calorimeter vessel, outer Jacket with insulated Body, offset stirrer, S.S. Crucible, pellet press, ignition wire, pressure gauge, with flexible pipes. with electronic firing unit.



2545	"LABPRO" BOMB CALORIMETER APP. DIGITAL Thermo 0.1oC Readout	75130.00
2545	"LABPRO" Same as above-----with Digital Thermo Meter of 0.03oC Readout and Remote control system	77965.00
2545	"LABPRO" BOMB CALORIMETER App. with 0.01oC Readout with Remote control system and PRINTER UNIT.	92140.00
2545	"LABPRO" Same as above-----with Micro Processor Unit with PC suitable to use with computer with printer for detection of maximum rise of Temperature resolution 0.01oC LCD display	113400.00

2545b	"LABPRO" Spare Bomb 300ml. cap.	35440.00
2545	"LABPRO" Spare Stainless Steel Crucible	1135.00
2	"LABPRO" Spare Neoprene washer, Belt, O Ring, and Valves	1134.00
(Kit)	"LABPRO" Spare Nichrome wire 10 Meters Roll	580.00

" LABPRO " JUNKERS GAS CALORIMETER APPARATUS

(Used for finding out Calorific Value of gaseous fuels) The instrument consists of Calorimeter with Burner on Tripod stand, Gas flow meter (Non recording type) and pressure Governor. The Calorimeter measures the calorific value of gaseous fuels from 120 B.Th.U. to 3000 B.Th.U. (1000 to 26000 K.Cal./Cu Meter). It also consists, measuring Jar of 2 Lit. cap. and 50 ml. cap. with rubber tubing for gas water connection.



2547A	"LABPRO" Junkers Gas Calorimeter App. with 2 Nos. Thermometers	92140.00
2547B	"LABPRO" Same as above-----with digital Temp. Indicators for measuring outlet temperature.	96390.00

" LABPRO " CARBON RESIDUE APPARATUS (RAMSBOTTOM)

It is made as per IP 14, ASTM 524 and IS 1448 (P: 8)- 1967 Standards. The apparatus consists of a solid metal bath having 5 wells to accommodate cocking bulbs, The heavy duty heating elements provided around the bath. Supplied with 5 cocking bulbs, and one syringe.



2548 "LABPRO" Rams bottom Carbon Residue Apparatus with temp. regulation by energy Regulator, thermocouple and Digital Temp. Indicator, in separate cabinet **31185.00**

2549 "LABPRO" Rams bottom Solid state electronic digital temperature Controller PID type in separate unit **34020.00**

OPTIONAL ACCESSORIES

2547a "LABPRO" Spare Cocking bulb **285.00**
2547b "LABPRO" Spare heating element for above **5385.00**
2547c "LABPRO" Spare syringe **570.00**
2547d "LABPRO" Stainless Steel Tong **570.00**

" LABPRO " CARBON RESIDUE APPARATUS (CONRADSON)

It is made as per IP 13, ASTM D- 189 Specifications . It is useful to determine amount of Carbon Residue when an oil is evaporated under Specified Conditions. The apparatus consists of spun sheet iron crucible 25 c c Capacity, Sheet Iron hood and sheet iron block on a stand, gas Burner.

2550A "LABPRO" Conradson Carbon Residue single Test Apparatus (Gas Burner) **5955.00**

2550B "LABPRO" Elect. Heating With Energy Regulator Control **8500.00**

2551A "LABPRO" Conradson Carbon Residue Four Test App. (Gas Burner) **15330.00**

2551B "LABPRO" Elect Heating with Seperate Energy Regulator Controls **22680.00**



" LABPRO " CLOUD AND POUR POINT APPARATUS

This is made according to specification laid by IP 15 & IS 1448 (P :10) 1970. The pour point is lowest temperature at which the oil will just fail to flow. The apparatus Consists main cooling bath made out of S.S. sheet and stand unit with drain plug and cover has provision for fitting thermometer and a filling aperture for adding freezing mixture. A Glass jar for containing oils, Jacket, disc and gasket as specified are also provided.

2552 "LABPRO" Cloud & Pour Point Single Test with Insulated Body **5385.00**

2553 "LABPRO" Cloud & Pour Point Two Test with Insulated Body **6520.50**

2554 "LABPRO" Cloud & Pour Point Four Test with Insulated Body **8790.00**

2555 "LABPRO" Cloud & Pour Point Six Test with Insulated Body **10200.00**

2556 "LABPRO" Cloud & Pour Point App. WITH REFRIGERATION SYSTEM **113400.00**
 For 2 test App.) Temp. upto -300C.



OPTIONAL ACCESSORIES

2552a "LABPRO" Cloud & Pour Point Thermometer IP IC **640.00**

2552b "LABPRO" Cloud & Pour Point Thermometer IP 2C **640.00**

2552c "LABPRO" Spare Glass Jar with cork **580.00**

2552d "LABPRO" Spare Metal Jacket with Disc. **580.00**

" LABPRO " SOFTENING POINT APPARATUS

(Ring & Ball Apparatus)

For determination of softening point of bituminous materials according to IP 58 and IS 1205-1958. Softening point is that temperature at which the specimen under test



OIL & PETROLEUM TESTING INSTRUMENTS

becomes soft enough to allow a steel ball of specific dimensions to fall a required distance under test condition. The apparatus consists of glass beaker, ring Stand, two steel balls with rings and ball guides, hand Stirrer.

2561	"LABPRO" Softening Point Apparatus (without Glass Beaker)"	2835.00
	Softening Point Apparatus with glass Beaker	3415.00
		9660.00
2563A	"LABPRO" Softening Point Apparatus with F.H.P. elect.motor driven Stirrer and electric heater with Energy. Regulator Control.	15310.00
2563B	"LABPRO" Same as Above—— with DIGITAL TEMP. CONTROLLER UNIT	

OPTIONAL ACCESSORIES

2561a	"LABPRO" Thermometer IP 60C	640.00
2561b	"LABPRO" Thermometer IP 61C	640.00
2561c	"LABPRO" Spare Ring with Ball-Centring Guide and Steel Ball (pack of 2)	1420.00

" LABPRO " DROP POINT OF GREASE APPARATUS

[As per IP 31 and 132 and ASTM D-566 Specifications]

As per IP 31 the apparatus Consists of Brass Sleeve and case with metal cup and a glass Boiling tube with Crock fitted to a bath 600 ml beaker is provided. The assembly is kept on heater with energy Regulator control and stand with F.H.P. elect Stirrer. As per IP 132 the unit Comprises a glass beaker with fibre Cover together with glass test tube with three indentations to receive Chromium plated brass cup. cork for tube and a 1.5 mm diameter Brass rod. The assembly is kept on heater with energy regulator and stand with F.H.P. motor stirrer.

2564	"LABPRO" Drop Point Apparatus as per IP 132 & ASTM D 566	9660.00
2565	"LABPRO" Drop point Apparatus as per IP 31	10200.00

OPTIONAL ACCESSORIES

2564a	"LABPRO" IP 40C Low range Thermometer	640.00
2564b	"LABPRO" IP 41C High range Thermometer	640.00
2564c	"LABPRO" IP 62C Drop Point Special Thermometer	640.00

" LABPRO " MELTING POINT APPARATUS

This apparatus consists of a cylindrical block of Aluminium with a built in electrical heating element. The mounted Alum. block illuminates from below by a lamp fixed in its housing. The aluminium block accept three capillary tubes and mercury thermometer. The temperature is controlled by rotary switch. The magnifying lense provided for viewing objects clear. Suitable for operation on 220 Volts AC circuits

2566	"LABPRO" Melting Point Apparatus	3120.00
2567	"LABPRO" Melting Point App. Digital Temp. Indicator with Cooling Plug	9085.00

OPTIONAL ACCESSORIES

2566	"LABPRO" IP 63C Thermometer	640.00
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" LABPRO " REID VAPOUR PRESSURE TEST APPARATUS

Made as per IP 69 & IS 1448 (P: 39). 1967 elect. Heated with FHP motor Stirrer temp. controlled by Electronic Digital Temp. Controller. The Apparatus consists one air chamber, one Liquid Chamber without cock and pressure gauge.



2557	"LABPRO" Single Test Bath	42525.00
2558	"LABPRO" Double Test Bath	53865.00

OPTIONAL ACCESSORIES

2557a	"LABPRO" Liquid Chamber with Cock (if Required)	9925.00
2557f	"LABPRO" Spare Airchamber only	11340.00
2557c	"LABPRO" NP Pressure Gauge 0-1 Kg. / Cm2	2270.00

" LABPRO " COPPER STRIP CORROSION TEST APPARATUS

Double walled stainless steel chamber bath outer chamber made of mild steel sheet attractive painted. As per IP 154 and IS 1448 (P - 15) to accomodate 3 & 6 Bombs. Temperature is controlled by Electronic Digital Controller (With out S.S. Bomb).



2559	"LABPRO" Water Bath for 3 S.S. Bombs	22680.00
2559	"LABPRO" Water Bath for 6 S.S. Bombs	25515.00

OPTIONAL ACCESSORIES

2559b	"LABPRO" Stainless Steel Bomb	5100.00
2559c	"LABPRO" Vice Single Strip	850.00
2559d	"LABPRO" Vice Four Strip	2835.00
2559e	"LABPRO" Copper Strip (pack of 3)	850.00
2559f	"LABPRO" Test Tube	140.00
2559	"LABPRO" Copper Strip Comparison Chart (Indigenous)	2270.00
2559	"LABPRO" Inspection Tube (Flat)	1420.00

" LABPRO " ANILINE POINT APPARATUS

2568	"LABPRO" Aniline point apparatus as per IP 2 & IS 1448 (P-3), ASTM D 611 method A complete with jacket (without thermometer)	6380.00
2569	"LABPRO" Aniline point apparatus as per IP-2 method B ASTM D 611 by thin film method B Elec. Heated with elect. stirrer (without thermometer)	10200.00
2570	"LABPRO" * Spare tap *	580.00
2570	"LABPRO" Spare Contraction chamber *	850.00
2570	"LABPRO" Spare metal stirrer	2270.00
2570	"LABPRO" Aniline point app. as per IP-2 method 'D'by U-tube method elect. heated with FHPstirrer without thermometer	10200.00
2570	"LABPRO" * Spare 'U' tube	570.00
2570	"LABPRO" Aniline point thermoter IP 20C	700.00
2570	"LABPRO" Aniline point thermoter IP 21 C	700.00

" LABPRO " DEAN & STARK APP.

for estimation of moisture in lubricating oils as per IP-74, ASTM D 95 with one 10 cc receiver Flask, Condensor with Clamp Holder. and Heater with Regulator



" LABPRO " SMOKE POINT APPARATUS

2572	Smoke Point Apparatus as per IP 57 & IS 1448 (P-31) & ASTM D 1322	9925.00
2572a	Spare Candle	9215.00
2572b	Spare Wick	2550.00
		145.00



PSAW T1 "LABPRO" MINI CENTRIFUGE -MAX SPEED 10000 rpm

MODEL : SPIN-TOP

Micro processor controlled Micro -Centrifuge Machine (Mini Centrifuge) speed 1000 to 10000

Technical Specification

R.P.M in step of 1000 rpm. fitted with 0-15 minute electronic digital timer. Supply completed with 2 Standard rotors means

- (i) 6 micro centrifuge of 1.5ml capacity (PsaWT-01)
- (ii) 12 micro centrifuge tubes of 0.5ml capacity (PsaWT-02)

To work on 220 volts 50 Hz AC.

- * Quiet & reliable
- * Small foot print
- * Built in power supply
- * Digital display of time & RPM
- * High quality brushless motor

Spare Rotor at extra cost

Cat No	Description	Packing
PSAWT-1	Spin-Top	1

TECHNICAL DATA

Cat No	Description	Packing
PSAWT-01	6x1.5ml tubes	1
PSAWT-02	12x0.5ml tubes	1

Size	Weight	Size	Weight	
R.P.M	RCF(xg)	R.P.M	RCF(xg)	
1000	56	6000	2011	
2000	223	7000	2737	
3000	503	8000	3575	
4000	894	9000	4524	
5000	1396	10000	5585	17290.00



LABPRO -1H

T-6

"LABPRO" CLINICAL CENTRIFUGE (BRUSHLESS)

- * The best model for clinical, pathological, Biochemistry and Pharmacy/Pharmaceutical Labs and to separate blood serum
- * It is also most suitable for infertility labs where low speed is Recommended.

TECHNICAL SPECIFICATION

- * Bench Top Digital Centrifuge Machines.
- * The body is made of CRC sheet, finished in Powder coating.
- * See thru acrylic lid.
- * Digital Timer 0-99 minutes. *
- Digital display of speed (rpm).
- * Maximum speed 3000 r.p.m. (Without load) and 2850 rpm on load.
- * Supply is completed with 8x15ml Swing out head, instruction manual, spare fuses, cord & plug to work on 220volts 50 Hz A.C
- * Also supplied with 8 reduction adppter to accept test tubes of size 12x100mm of borosil means 5ml capacity
- * Angle head of 8x15ml can also be supplied in place of swing out head.

SPECIAL FEATURES

- * Brush less Ac motor-(without carbons) No need to change the carbons as required in other centrifuges
- * Low in noise
- * Can run continuously upto 8 hrs.
- * Fitted with anti vibration pads.
- * Maintenance free Budget Priced.



LABPRO -6

12000.00

PSAW T-8M "LABPRO' CENTRIFUGE MACHINE DIGITAL 5200 R.P.M

- * General Purpose Laboratory Centrifuge Machine
- * Microprocessor based (LCD Display)
- * Heavy duty C.R.C construction finished with Powder coating
- * Fitted with well balanced universal motor
- * Digital timer of range 0-59 minutes
- * Digital Speed Indicator
- * Programmable speed regulator
- * Lid lock for safe drive

20620.00



LABPRO -8M

TECHNICAL PARAMETER :-

Max Speed	5200 rpm
Motor	Universal Motor
Power	AC 220V 50 Hz ± 10%
Dimension of machine	L=415MM, W=360mm, H=305mm
Dimension of outer box	510 x 510 x 390 mm
Weight of Machine	21kg.approx, WEight with box = 23.5Kg

Optional Accessories at extra Cost :

Electronic inter lid lock | Dynamic break | Imbalance detector Price of above machines are without Rotor Head which can be selected by customer as per their specific requirement at extra cost as under

Cat No.	Rotor Capacity	Rotor Types	
LABPRO-81	16X15ml.	Swing Out Head	4790.00
LABPRO-81A	12x15ml	Swing Out Head	4255.00
LABPRO-81B	8x15ml.	Swing Out Head	3195.00
LABPRO-82	6x50ml.	Swing Out Head	4255.00
LABPRO-82A	4x50ml.	Swing Out Head	3990.00
LABPRO-83	16x15ml.	Angle Head	4190.00
LABPRO-83A	12x15ml.	Angle Head	3460.00
LABPRO-83B	8x15ml.	Angle Head	2930.00
LABPRO-84	6x50ml.	Angle Head	3195.00
LABPRO-84A	4x50ml.	Angle Head	3460.00
LABPRO-88	4X100ml	Angle Head	6650.00
LABPRO-89	24X15ml	Angle Head	6920.00

The above mentioned rotor heads are completed with S.S tube carriers suitable Glass/PVC centrifuge tubes head puller spaner and rubber cushions

Complete machine is packed in thermocol box further packed in corrugated box

* Any special Rotor Head can be manufactured on custmer's demand *
Speed can be given up to 6000 rpm if specific requirement by an customer

Special Features :-

- * The lid is light in weight to avoid accident due to heavy weight metallic lids during operations
- * Very Stable *
- Low in noice *
- No vibrations
- * Fitted with anti vibration pads

"LABPRO' LABORATORY CENTRIFUGE BRUSHLESS MAXIMUM SPEED 6000

Fitted with maintenance free BLDC motor (without carbons) square MS body powder coated Hydraulic lid. Microprocessor based 4 lines 16 characters LCD display with 0-99 minutes countdown timer,digital rpm meter and preset programmable speed regulator . Also featured with dynamic brake Electronic lid lock imbalance detector 10 programme memory. 3 accelerations and 3 decelerations Price without rotor head Rotor can be selected at extra cost under from A TO K

50540.00



LABPRO -8BL

TECHNICAL PARAMETER :-

- * Max. Speed 5000 r/min
- * Max.RCF 4390xg
- * Motor Brushless Motor
- * Noise =65dB
- * Power AC 220V 50 Hz 15A
- * Weight 35 kg.
- * Dimensions 530 x 420 x 350 (LxWxH)

Machine comes without rotor because individual customer require rotor as per his specific requirement hence price of rotors is coated separately (At extra cost)

Rotor Type	Rotor Capacity	Speed on Rotor (r.p.m)	R.C.F on Rotor
Swing bucket rotor	32x15ml	4000	2810xg

Most suitable for medical colleges clinical labs, where work load is very high

Rotor Type	Rotor Capacity	
Swing Rotor	16x15ml	4790.00
Angle Rotor	24x15ml	6920.00
Swing Rotor	24x7ml	6920.00
Angle Head	4x100ml	6650.00
Swing out Head	6x50ml	4255.00
Angle Head	16x15ml	4190.00
Angle Head	8x15ml	2930.00
Angle Head	6x50ml	2930.00

SPECIAL FEATURES :

* Table Top * Brushless self Balancing Motor without carbons * High capacity Rotors

* High Quality * High Performance

16 Vacutainers in Swing
Out Head

3195.00
4790.00

LABPRO
"LABPRO' MICRO CENTRIFUGE 16000 R.P.M

* High speed Micro Centrifuge Max R.P.M. 16000 * Heavy duty plastic injection moulded body. * Stainless Steel protection bowl. * Fitted with well balance universal motor having long life with imported carbons. * Microprocessor based Digital Timer of range 0-15 min. with LCD display. * Preset speed controls thru microprocessor from



2000 to 16000r.p.m.

* Digital display shows Set Time/Run Time/R.P.M.

Supply completed with following accessories

* Rotor Head to accommodate ependrof (Centrifuge Tubes with cover) of 1.5ml/2ml (12x1.5/2ml) * Reduction adopters for 0.5ml eppendroff (Micro centrifuge Tubes)

* Head Puller Spanner Dust Cover Instruction Manual Cord & plug to work on 220 **LABPRO** ⁻¹² volts 50Hz A.C

Optional at extra cost

* Rotor head to accommodate 24 micro tubes

* Any other size of rotor to accommodate micro centrifuge can be supplied at customer requirements

Special Features

* Microprocessor based

* Fitted with anti vibration pads

* Motor remain cool even after running full time

21280.00

T-12E "LABPRO' CENTRIFUGE HIGH SPEED (BRUSHLESS MOTORS)

- * High speed Micro Centrifuge
- * Heavy duty C.R.C Construction
- * Powder coated finish
- * Fitted with brushless automatic balanced motor
- * Digital Timer 0-99 minutes
- * Digital Speed Indicator
- * Digital R.C.F Indicator
- * Programmable speed regulator
- * Electronic Safety lid lock
- * Imbalance detector

43000.00



LABPRO - 12BL

Prices are without Rotor which can be selected from below mentioned types at extra cost

Rotor Type	Rotor Capacity	R.P.M. Speed Max.	RCF on Rotor	
Angle Rotor	12 x 1.5/2 ml.	20000	27800 xg	6000.00
Angle Rotor	24 x 1.5/2 ml.	16000	23200 xg	6000.00
Angle Rotor	8 x 5 ml.	16000	23200 xg	9000.00
Angle Rotor	6 x 15 ml.	13000	16800 xg	9000.00
Angle Rotor	6 x 50 ml.	13000	16800 xg	9000.00

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.

SPECIAL FEATURES

- * Table Top Compact * Brushless self Balancing Motor without carbons * Ultra High speed
- * Microprocessor based * Low noise

PSAV TT-15 "LABPRO' HAEMATOCRITE CENTRIFUGE

- * Haematocrite Centrifuge Machine, Max. speed 13000 r.p.m
- * Compact body which is made of plastic injection moulded.
- * Inner safety bowl made of stainless steel
- * Fitted with well balance universal motor having long life with imported * carbons
- * Digital display shows Set time/ Run time /R.P.M.
- * Microprocessor based Digital timer of range 0-15 min with LCD display.
- * Preset speed controls thru microprocessor from 2000 to 13000 r.p.m.

Supply Completed with Following accessories

- * Micro Hematocrite rotor to accommodate 24 capillaries of 75mmx1mm or 12 capillaries
- * Heparinised capillary tubes 75mm longx1mm bore (pack of 100 Nos)
- * Non Heparinised Capillary tubes 75mm long x1mm bore (Pack of 100 Nos)
- * Reading device.
- * Sealing Wax 1tray



LABPRO - 15

Haematocrite Centrifuge (Brushless) Model LABPRO -15BL

All specification are same as above but in this model the motor is Brushless (without carbon)

Note: Speed can also increased upto16000 r.p.m. on the demand of customer.

21280.00

“LABPRO’ HIGH SPEED LABORATORY CENTRIFUGE MACHINE MAXIMUM SPEED

rpm.

It is a high capacity high speed bench top Laboratory Centrifuge Machine. It has 4 lines 20 characters LCD Display Microprocessor based digital timer r.p.m meter and programmable speed regulator. Also featured with dynamic brake electronic lid lock imbalance detector 10 programme memory 3 acceleration and 3 decelerations max speed of machine is 20000 r.p.m Further speed depends upon the rotor being used with the machine **Price are without rotor**

Angle Head 12x1.5ml max speed on the head 20000 rpm.	62510.00
Angle Head 24x1.5ml max speed on the head 16000 rpm.	7980.00
Angle Head 6x50ml max speed on the head 13000 rpm.	11970.00
Angle Head 4x100ml max speed on the head 13000 rpm.	11970.00
Angle Head 8x15ml max speed on the head 13000 rpm.	11970.00
Angle Head 6x200ml max speed on the head 7000 rpm.	11970.00
Angle Head 8x100ml max speed on the head 7000 rpm.	19950.00
Angle Head 12x50ml max speed on the head 7000 rpm.	15960.00
	15960.00



LABPRO - 24

“LABPRO’ REFRIGERATED MICRO CENTRIFUGE DIGITAL-16000

TT-506

- * Table Top refrigerated micro centrifuge machine. The temp from room temp upto minus 8°C is controlled by PID Electronic Digital Temp. Controller cum indicator.
- * Microprocessor based Digital Timer of range 0-15 min. with LCD display.
- * Preset speed controls thru microprocessor from 2000 to 16000 r.p.m.
- * Digital display shows Set Time/Run Time /R.P.M.
- * S.S. Bowl Size: 9" dia

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

Angle Rotor Head	Model No	Qty.
Angle Rotor Head Cap. 12 x 1.5/2ml.	Cat. No T-124	11
Adopters to accept 1.5ml Eppendorf micro-centrifuge tubes.		
Also supplied with head puller, spanner, 12 eppendorf Tubes of 2ml, 1.5ml capacity 12		

Special Features

- * Microprocessor based Table Top Centrifuge
- * Compact and elegant design * Fitted with vacuum feet
- * CFC Free refrigerant
- * Centrifuge bowl made of Stainless steel

Any Special Head can also be manufactured and supplied as per customer's requirement Weight & Dimension can be changed without prior notice

95760.00



LABPRO - 50

“LABPRO’ REFRIGERATED CENTRIFUGE MACHINE ALL PURPOSE 16000 R.P.M

Digital microprocessor based max speed 16000 rpm Further speed depends upon rotor being used fitted with microprocessor based LCD panel for 0-59 minutes countdown timer digital rpm meter and programmable speed controller stand by temperature from -20°C to room temperature is controlled by microprocessor based digital temperature controller cum indicator working temperature from -8°C **Price are without rotor head**

	114380.00
Angle Rotor 12x1.5ml with adopters 0/5/0.2ml max speed 16000 rpm.	5320.00
Angle rotor 24x1.5/2.2ml with adopters 0.5/0.2ml max speed 13000 rpm	7980.00
Angle rotor 8x15ml made from special alloy with stand cooling and high speed max speed 7000 r.p.m	7980.00
Angle rotor 4x50ml made from special alloy with stand cooling and high Speed max speed 7000 r.p.m	7980.00



LABPRO - 60

“LABPRO’ HIGH SPEED REFRIGERATED CENTRIFUGE - UNIVERSAL

- * Bench Top Refrigerated Centrifuge Machine
- * Microprocessor based
- * Fitted with brushless automatic balanced motor
- * Digital Timer 0-99 minutes
- * Digital Speed Indicator
- * Digital R.C.F Indicator
- * Programmable Speed Regulator
- * Electronic Safety lid lock
- * Imbalance detector
- * Digital temperature controller cum indicator
- * CFC free refrigerant



LABPRO -70BL

Max. Speed	20000r.p.m.	
Max. RCF	27800xg	
Timer	0-99 min.	
Motor	Brushless Motor	
Temp Range	From room temperature-to Minus 8°C	166250.00
Temp Accuracy	±2°C	
Power	AC 220V 50 Hz 20A	
Weight	60kg approx	
Dimension	L-27”XW21”XH-15” Approx	
Price of machine is without head		

Optional rotors can be selected as per customer’s requirements as under

Rotor Type	Rotor Capacity	Speed on Rotor (r.p.m.)	RCF on Rotor	Cat No	
Angle Rotor	12x1.5/2.2ml.	20000	27800xg	LABPRO-703	5320.00
Angle Rotor	24x1.5/2.2ml.	16000	17000xg	LABPRO-704	7980.00
Angle Rotor	8x15ml	13000	17000xg	LABPRO-705	7980.00
Angle Rotor	4x50ml	13000	17000xg	LABPRO-708	7980.00
Angle Rotor	4x100ml	13000	17000xg	LABPRO-709	11970.00

“LABPRO ” ANAEROBIC CULTURE JAR (WITH VACUUM CUM PRESSURE GAUGE)

Transparent Anaerobic Culture jar of 3.5 lit. Capacity which is made of Polycarbonate. The lid of the jar is made of aluminium pressure die casting fitted with pressure valve vacuum valve safety valve & compound pressure cum vacuum gauge three finger aluminium clamp and sealing “o” ring and Air/Gas chuck.

This is recommended only where inside condition of air of jar is removed thru vacuum pump and CO₂ is filled in the jar thru gas cylinder to generate anaerobic conducting in the jar

Also supplied with plain aluminium pressure die casted lid which can be fitted when readymade gas packs are used to generate the anaerobic conditions inside the jar

Supply as above and completed with following accessories

- Petri Plate Carrier Stainless steel for 10 Petri Dishes
- Test Tube Carrier Stainless steel

Optional Consumables at extra cost :

- *Anaerobic Indicator Box of 10 Tablets
- *Anaerobic Gas Pack Price Per Pkt of 5 Sachets

Spare Parts at extra Cost

- * Silicon ring for
- * Petri Plate Carrier Stainless Steel for 10 Petri Dishes
- * Test Tube Carrier Stainless Stee



LABPRO -2

12635.00

LABPRO "LABPRO" ELECTROPHORESIS HORIZONTAL-MINI
ET-6

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 the unit includes buffer chamber safety lid with cables and following standard accessories.

Special Features

- * High Quality
- * High Performance
- * Buffer chamber moulded in single piece
- * No leakage
- * Lid Moulded single piece

- * comb 9 wells- 10 Teeths (Set of 2 Pcs)
- * comb 11 wells-12 Teeths (set of 2 Pcs)
- * comb 13 wells-14 Teeths (set of 5 Pcs)
- * casting tray size 10x7 cm (set of 2 Pcs)
- * casting tray size 7x7cm (set of 2 Pcs)
- * Electrode set (set of 2 pcs)

10640.00



LABPRO -1

LABPRO "LABPRO" VERTICAL ELECTROPHORESIS SYSTEM-MINI
ET-6

It is required in biotechnology Molecular Biology applications in collegeuniversities Research Institutes. It is meant for protein characterization.The unit 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.

Specifications:

- * Dimensions outer 15x18x15cm
- * Gel Size (cm) 8x7 (1Gel)
- * Buffer Required (ml) 100+150
- * Platinum Electrodes 2Nos

Supply Complete with Standard accessories like

- *Wires
- * Glass plate 1 and notched rectangular Total 2 nos * One set spacers of 1.0mm 1.5mm-4pcs each * 4 sets of Nylon moulded combs of 7 wells & 10 wells in 0.1mm and 1.5mm Thickness

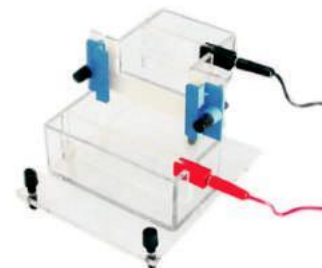
- * Silicon Gasket - 1 No

Specifications:

- * High Quality *
- High Performance
- * Buffer chamber moulded in single piece * No leakage
- * Lid moulded single piece

(LxWxH)

10640.00



LABPRO -2

LABPRO "LABPRO" ELECTROPHORESIS POWER SUPPLIES

Electrophoresis Power Supply Analog Fixed LABPRO-200

LED display Analog Model with Fixed 250 mA and also fixed voltage of 50v,100v,150v,200v and 250v. It is recommended for mini Horizontal and mini vertical Electrophoresis Apparatus

5585.00



LABPRO -200

LABPRO "LABPRO" ELECTROPHORESIS POWER SUPPLY DIGITAL VARIABLES

Variable 0-300V, 0-200mA, with digital timer Constant Current Constant Voltage, Digital display of Voltage and mA. It is recommended for both mini Horizontal and mini Vertical Electrophoresis Apparatus.

17955.00



GEL CASTING TRAY FOR MINI HORIZONTAL ELECTROPHORESIS APPARATUS

LABPRO -200

* Description	Pack Size	Price
* Gel casting tray 7x7cm	2Pcs	1200.00
* Gel casting tray 7x10cm	2Pcs	1700.00



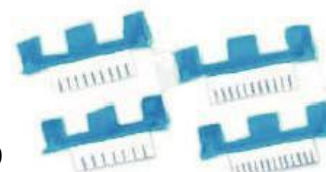
COMB SET FOR MINI HORIZONTAL ELECTROPHORESIS APPARATUS

* Description	Pack Size	Price
* Comb set 7,9,11,13 wells Packet of 4 pcs each	1Packet1	200.00
* Electrode Set	1 Set	3500.00

GEL CASTER FOR HORIZONTAL ELECTROPHORESIS UNIT

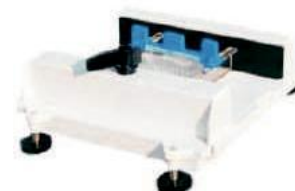
Platform made of single piece glass field Plastic moulding. It is fitted with 1 leveling screws.It can accommodate 7x7cm,7x10cm and 15x10cm Gel casting trays. The inner side of casterare fixed with soft silicon gasket for leakproof casting of gel

2500.00



FLOAT RACKS

Type	Place	Capacity ml.	Packing	Price
Square	16	1.5	6	600.00
Round	89	1.5	6	400.00



"LABPRO" GEL DEVELOPING TRAY

Gel Developing Tray

Used for staining, fixation, destaining and handling of electrophoresis gels and membrances. 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

500.00



“LABPRO” SPARE ACCESSORIES FOR VERTICAL ELECTROPHORESIS MINI

Description	Packing	
*Spacer 1.00mm	4Pcs	200.00
*Comb 1.00mm 6Well-7 Teeth,9Well-10 Teeth	4Pcs each size	300.00
*Spacer 1.5mm 6Well-7 Teeth,9Well-10 Teeth	4Pcs	300.00
*Comb 1.5mm 6 well-7 Teeth 9Well-10 Teeth	4Pcs each Size	300.00
* Silicon u Shaped Sealing Gasket	2Pcs	250.00



“LABPRO” GEL SCOOP

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	
Small	75x10	1Pc	500.00
Medium	14x20	1Pc	575.00
Large	20x20	1Pc	630.00



**LABPRO
TI-20**

“LABPRO’ U.V.TRANSILLUMINATOR

It is required in biotechnology, Molecular Biology applications in colleges Universities, Research Institutes

Special Features

- * Fitted with mirror reflector for uniform U.V light
- * Fitted with variable light control form low to high
- * The Frame cover made of single piece ABS Plastic moulded
- * High quality
- * High performance
- * Design
- * Model
- * Wavelength
- * No of U.V. Tubes
- * Wattage
- * Detection Limit
- * Blue Plate Area
- * Body
- * UV Protection Shield

College Model transilluminator
PSAWTI20
312nm fixed
8 Imported
8Watts
200ng
185x185mm approx
Ms with powder coated
Yes

21280.00



LABPRO -20

**LABPRO
TI-50**

“LABPRO’ U.V.TRANSILLUMINATOR

Specification

Parameter	Model : PSAWTI - 30
Item	U.V Transilluminator smart look very accurate for research work
Wevelength	Dual Intensity 302 and 365mm
No of Tubes	6
Wattage	8 watts
Detection Limit	0.01ngm of stained DNA
View Area	210X260MM
Filter	Quartz UV Filter
Body	Aluminium Prewwure die casted Body furnished in Black Power Coating
UV Protection Shield	Yes

Special Features

- * Uniform lighting design uv lamp not seen
- * Ultra safe UV blocking cover block 99.99% UV Transmittance
- * Strong Frame and Stylish design do breakage of UV shield
- * Adjustable intensity Form 100% down to 50%

103740.00



LABPRO-30



Specification

Parameter

Item	Model : LABPRO - 50 Ultra thin U.V Transilluminator very small llok Portable very accurate for research work
Wevelength	302nm
No of Tubes	4
Wattage	8 watts
Detection Limit	0.01ngm of stained DNA
View Area	150x80mm
Filter	Quartz UV Filter
Body	Aluminium Prewwure die casted Body furnished in Black Power Coating
UV Protection Shield	Yes



LABPRO -50

Special Features

- * Uniform lighting design uv lamp not seen
- * Ultra safe UV blocking cover block 99.99% UV Transmittance
- * Strong Frame and Stylish design do breakage of UV shield
- * Adjustable intensity Form 100% down to 50%

53200.00

**LABF
BBST**

“LABPRO’ BLOOD BAG TUBE SEALER AUTOMATIC

Technical Specification

- * Programmable
- * Microprocessor Control
- * Very Stable and reliable working
- * Built in the sucker to be used in bleeding car.
- *Working Voltage Range : ±10% 50Hz A.C

Special Feature

- * Portable
- * Elegant design
- * Highly Accurate
- * Guaranteed Quality

Technical Parameter

- * Sealing Voltage
 - * Control
 - * Sealing Time
 - * Sealing way
 - * Size of the tube
 - *Weight
 - * Dimensions
- | |
|---------------------------|
| Adjust Automatically |
| Microprocessor Control |
| 0.8-1.2 second adjustable |
| Automatically |
| ≤1mm Thickness |
| 7kg |
| 350x190x170mm (lxwxh) |



LABPRO -10

113050.00

**LABP
PCT-****LABPRO' PAPER CHROMATOGRAPHY KIT PORTABLE**

First time in india by in house R & D of complete one year, we 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 Institute for detection of RF Value

Technical Specification**Paper Chromatography Cabinet**

It is made of single piece bakelite moulding. The inner size of cabinet is 6x8x9" 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 150ml. 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 130mm/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 20 ml. 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.

**LABPRO -10****4590.00**

**LABP
CH**

“LABPRO’COLOROSCOPE

Required in Public Health Depts.,Water Testing Labs, swimming pools, Industrial L to check chlorine contents in water.

The easy procedure and steps to check chlorine makes it efficient and effective in use.

Application: To check the residual chlorine in drinking water from 0.25 p.p.m. to 2.0 p.p.m.

*Take test tube fill water sample to be tested upto 5 ml. Mark.

*Add 1 to 2 drop of O-Toludine solution into the sample with the help of dropper.

*Shake well and keep the tube for ten minutes to develop the colour. Compare the developed Colour with Choloroscope

As soon as colour is developed match the colour by inserting the tube in 1st or 2nd or 3rd hole and examine from colour standard and note down the reading of same from PPM scale marked in front of chloroscope.

When testing is completed, pour out the sample, clean the tube with fresh water and with the help of cleaning brush.

Standard Setup Consists of

- Chloro-scope 1 No.
- Square unbreakable test tube 2 Nos.
- Glass Dropper with rubber teat 1 No.
- O-Toludine reagent 125 ml.

Packed in thermocol box.

Special Features

- * Compact
- * Elegant design
- * Highly accurate
- * Guaranteed Quality
- * Easy to handle during test

1000.00



LABPRO -5

**LABP
HBT-**

“LABPRO’ HAEMOGLOBINOMETER (SAHLI’S)

The kit consists of following standard setup

Comparator Holder: - 1Nos

It is black in colour. The back of the holder is fitted with milky colour screen made of acrylic. In front of the holder there are three windows. The two side windows are fitted with colour comparison. The size of all the three windows are Height 3 cms. (Minimum)Width 0.5 cms. (Minimum)

Square H.B. Tube: - 2 Nos

Square H.B. Tube is graduated on both the side for the measurement of haemoglobin in respect of percentage and gram.

H.B. Pipette - 1 Nos

20 microlite H.B. Pipette with latex tube and mouth

piece Amber coloured glass bottle - 1Nos

Glass Stirrer - 1 Nos

Dropper with teat - 1Nos

Cleaning Brush - 1 Nos

Spare latex tubing one meter - 1Nos

All the above are fitted in thermoform tray. Further packed in plastic box.

NOTE :

* H.B. Tube is graduated and is calibrated with 2 colour standards fitted to color comparator.

* The inner dimensions of Glass Tube vary from tube where as our tubes is made of polycarbonate and moulded thru DIE. Hence in all the lot, the inner dimensions of tube is same.

* So, if HB tube made of Glass is broken, the whole HB meter is spoiled where as our H.B. Tube is

unbreakable and is made of polycarbonate with long life.

* Further 2 nos are supplied with each HB meter

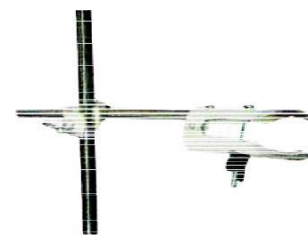


LABPRO -10

865.00

301 "LABPRO" UNIVERSAL CLAMP

Sheet made die pressed spring controlled cork lined jaws to hold upto 12mm to 50mm dia nut screw locked by spring powder coated

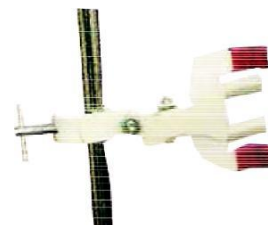


LABPRO - 301

301A

302 "LABPRO" BURETTE CLAMP

Die pressed sheet made of mild steel & power coated To hold one burette



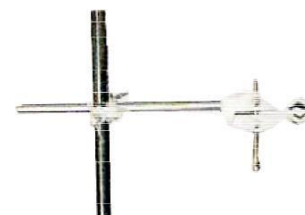
LABPRO - 302

302A

303 "LABPRO" BURETTE CLAMP

Made of al- alloy die casting Capacity hold upto 50mm dia with 7" mild steel rod cork lined power coated finish

110.00



LABPRO - 303

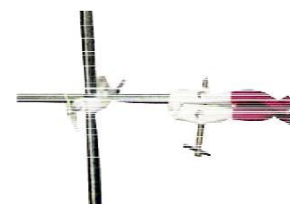
303A "LABPRO" MADE OF BRASS CASTING & CHROME PLATED HEAVY

250.00

304 "LABPRO" THREE FINGSR CLAMP

Made of Al- alloy die casting capacity hold upto 90mm dia provided M.S 7" rod Chrome plated articles jaws are rubber covered finish powder coated

135.00



LABPRO - 304

304A "LABPRO" --DO--MADE OF BRASS CASTING & CHROME PLATED

270.00

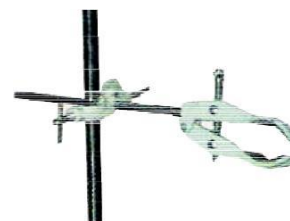
304B "LABPRO" -----do-----Heavy Quality 12" rod

360.00

305 "LABPRO" FOUR FINGER CLAMP

Made of Al-alloy die casting hold upto 90mm provided with M.S 7" rods chrome plated cork lined finsih powder coated

135.00



LABPRO - 305

305A "LABPRO" ---DO---MADE OF BRASS CASTING & CHROME PLATED

250.00

305B

330.00

“LABPRO” UNIVERSAL CLAMP

Made of al-alloy die casting hold upto 75mm dia provided with M.S 7" rods Chrome plated cork lined finish powder coated

135.00



LABPRO - 306

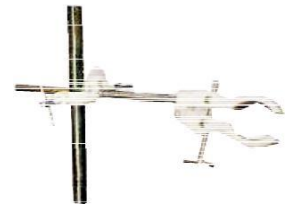
306A

330.00

307 “LABPRO” RETORT CLAMP

Made of Al- alloy die casting hold upto 75mm dia provided with 7" mild steel rod cork lined finsh powder coated

135.00



LABPRO - 307

307A -----do-----Made of brass casting & chrome plated

250.00

307B

“LABPRO” -----do----- Hold upto 125mm Heavy M.S. Rod 12”

350.00

308 “LABPRO” JUMBO CLAMP

Made of Al-alloy jaws are rubber sleeves hold from 60mm to 150mm dia articles mild steel rod length 12"x3/8 chrome plated powder coated

380.00



LABPRO - 308

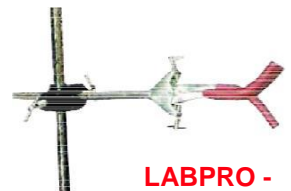
308A “LABPRO” -----do-----Brass 12”x3/8 Chrome plated

1000.00

309 “LABPRO” CONDENSER CLAMP

Moulded brass three finger jaws adjustable by two independent screw mild steel rod 12"x3/8" Chrome plated

600.00



LABPRO - 309

309A

320.00

310 “PSAW” CO-AXIAL CLAMP

Steel made jaws adjustable by co-axial nut hold from 18mm to 75mm dia articles mild steel rod 12"x3/8" chrome plated

235.00

310A “LABPRO” ---DO-- JAWS OF BRASS SHEET CHROME PLATED

260.00



LABPRO - 311

311 “LABPRO” THREE FINGER CO-AXIAL CLAMPS

Moulded jaws with absetos sleeves spring controlled adjustable by co axial brass nut hold upto 75mm dia articles rod length 12"x3/8" chrome plated aluminium

300.00

311A **380.00**

312 "LABPRO" BOSS HEAD

Made of Al-alloy die casting with mild steel screw upto 13mm dia powder coated Finish **48.00**

312A

Made of brass casting heavy quality hold upto 18mm dia chrome plated **280.00**

312B

150.00

313 "LABPRO" BOSS HEAD

Die pressed sheet made powder coated Hold upto 16mm dia **40.00**

314 "LABPRO" BOSS HEAD

Made of cast ion hold upto 13mm dia T type Screw powder coating **48.00**



314A

88.00

LABPRO - 314

314B

110.00

315 "LABPRO" RETORT STAND

Made of cast iron powder coated mild Steel rod Chrome plated

Base Size

- 6x4x18x3/8 **245.00**
- 7x5x24x3/8 **290.00**
- 8x5x24x3/8 **300.00**
- 8x5x24x12mm **330.00**
- 8x5x24x12mm 1.300gm **390.00**
- 9x6x30x12mm **550.00**
- 10x6x30x12mm **850.00**
- 12x7x30x12mm **900.00**

LABPRO - 315



"LABPRO" RETORT STAND

Made of Mild steel with leveling screw and unbreakable nylon feet powder coated paint mild steel rod chrome plated packed in corrugated box

LABPRO -316



Base Size

6x4x18x3/8	176.00
7x5x24x3/8	210.00
8x5x24x3/8	220.00
8x5x24x12mm	260.00
9x6x30x12mm	360.00
10x6x30x12mm	400.00
12x8x30x12mm	520.00

316A "LABPRO" RETORT STAND-Bending Type

Base Size

6x4x18x3/8	176.00
7x5x24x3/8	210.00
8x5x24x3/8	220.00
8x5x24x12mm	260.00
9x6x30x12mm	360.00
10x6x30x12mm	400.00
12x8x30x12mm	520.00



LABPRO - 316A

317 "LABPRO" TRIPOD STAND

Cast iron having black powder coated top zinc plated rod and plastic feet

6"x4"	68.00
7"x4"	74.00
8"x4"	74.00
6"x5"	94.00
8"x5"	98.00
8"x6"	135.00



LABPRO - 317

318 "LABPRO" TRIPOD STAND

Heavy Cast iron round top black powder coated zinc plated rods and plastic feet

6"x5"	115.00
7"x5"	120.00
8"x5"	120.00
8"x6"	150.00

"LABPRO" RETORT

Made of mild steel rod powder coated "T Type chrome plated screw

2"	66.00
2½"	67.00
3"	68.00
4"	80.00
5"	82.00
6"	94.00



LABPRO - 319

SCIENTIFIC INSTRUMENTS AND LABWARES

320 "LABPRO" BUNSEN BURNER

with stop cock brass heavy cast iron base brass pipe chrome plated, powder coated base

220.00



LABPRO - 320

320A "LABPRO" SHEET MADE WITH STOP COCK

190.00

321 "LABPRO" BUNSEN BURNER

cast iron Base brass pipe chrome plated screw type air regulator powder oated light Base

148.00



LABPRO - 322

322 "LABPRO" BUNSEN BURNER- SHEET MADE POWDER COATED

110.00

323 "LABPRO" BUNSEN BURNER

heavy cast iron base w/o stop cock

166.00

324 "LABPRO" FLAME SPENDER BRASS C.P

100.00

326 "LABPRO" Gas TAP

Best quality all brass powder coated goli type stop cock

One way
Two way
Three way
Four way

550.00

660.00

780.00

900.00



LABPRO - 326

327 "LABPRO" Gas TAP

Best quality all brass chrome plated Hex stop cock h

One way
Two way
Three way
Four way

300.00

390.00

490.00

680.00



LABPRO - 327

328 "LABPRO" MACKER BURNER

Made of brass pipe C.P. Heavy cast iron base powder coated height 180mm approx top dia 25mm without stop cock

490.00



LABPRO - 329

329 "LABPRO" SAME ABOVE WITH STOP COCK

550.00

SCIENTIFIC INSTRUMENTS AND LABWARES

330 "LABPRO" MACKER BURNER

same above height 160mm approx top dia 18mm without stop cock

400.00



450.00

LABPRO - 332

330A

Same above without stop cock

331 "LABPRO" TECLU BURNER

Made of brass pipe chrome plated base powder coated with stop cock

660.00

332 "LABPRO" BEAKER TONGS

Made of thick wire mild steel chrome plated 12" long

120.00

333 "LABPRO" BEAKER TONG- STAINLESS STEEL 12 LONG

170.00

334 "LABPRO" FURNACE TONG - STAINLESS STEEL

12"
15"
18"
24"

160.00
200.00
240.00
500.00

335 "LABPRO" CRUCIBLE TONGS

6" Iron C.P
8" Iron
6" S.Steel
8" S.Steel
6" Heavy Tongs S.S
8" Heavy Tongs S.S

38.00
40.00
50.00
60.00
70.00
84.00



LABPRO - 338

"LABPRO" 337 FLASKTONG

Made of thick wire steel chrome plated 12" long

120.00

338 "LABPRO" FLASKTONG STAINLESS STEEL 12" LONG

170.00

339 "LABPRO" CORK BORER GERMAN

YPE- All Brass Chrome Plated

Set of 3 Best Quality German Type
Set of 6 Best Quality German Type

400.00
772.00



LABPRO - 339

SCIENTIFIC INSTRUMENTS AND LABWARES

339A

90.00

"LABPRO" SET OF 6 REGULAR QUALITY

180.00

340 "LABPRO" SPECHULA

Made of Stainless Steel Sheet heavy one end spoon and one end flat

Size Rate P.P

5"

13.00

6"

16.00

8"

20.00

10"

32.00

12"

52.00



LABPRO- 339A

340A

Made of stainless wire type spoon type

Size Rae

4"

14.00

6"

18.00

8"

24.00

10"

30.00

12"

52.00

341 "LABPRO" HALFMAN'S SCREW CLIP -12MM BRASS C.P

70.00

341A

85.00

341B

85.00

342 "LABPRO" PENDULUM BOSS- SET OF SIX METAL DIA 1/2 "

160.00



LABPRO - 342A

342A

245.00

342B

1/2"

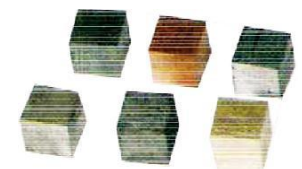
22.00

3/4"

44.00

1"

88.00



LABPRO - 343C

343A

180.00




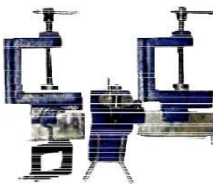


343B

490.00

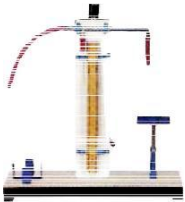








343C

660.00

SCIENTIFIC INSTRUMENTS AND LABWARES

344A "LABPRO" RING AND BALL 3/4" DIA ALL BRASS BEST QUALILTY	88.00	 LABPRO - 344C
344C	210.00	
345 "LABPRO" FILTER PUMP BRASS C.P HEAVY	450.00	 LABPRO - 345
345A	290.00	
346 "LABPRO" SPIRIT LAMP S.S	50.00	 LABPRO - 346
347 "LABPRO" CORCK BORER MAHCINE WITH BORER	4500.00	
348 "LABPRO" HEATING BLOCK STAND	200.00	
<u>BEGINNING OF PHYSICS ITEMS</u>		
349 "LABPRO" BENDING OF BEAM APPARATUS	1600.00	 LABPRO - 349
349A	2200.00	
351 "LABPRO" BIFILAR PENDULUM (IRON)	2000.00	 LABPRO - 351
351A	1100.00	
352 "LABPRO" COMPOUND BAR PENDULUM IRON C.P	600.00	
354 "LABPRO" COMPOUND BAR PENDULUM BRASS	2200.00	 LABPRO - 352
354A	1500.00	
355 "LABPRO" DIP CIRCLE FIX NEEDLE BRASS	3400.00	
356 "LABPRO" DIP FIX NEEDLE ALMONENT	2800.00	
357 "LABPRO" G-CLAMP		
SIZE		
2"	110.00	
3"	150.00	
4"	180.00	
5"	220.00	
6"	260.00	

SCIENTIFIC INSTRUMENTS AND LABWARES

362 "LABPRO" JAGERS APPARATUS SUNMICA TOP	1320.00	
363 "LABPRO" KATER'S PENDULUM IRON	1650.00	
364 "LABPRO" KATER'S PENDULUM BRASS	4400.00	
"LABPRO" KATER'S PENDULUM S.S	2200.00	
365 "LABPRO" KATER'S PENDULUM STAND TRAEHOT	1700.00	
366 "LABPRO" KUNDT'S TUBE WITH BOROSILICATE GLASS TUBE	1400.00	
367 "LABPRO" K. CONSTANT SPRING AI.PIPE 1"	1400.00	
368 "LABPRO" K CONSTANT SPRING SIMPLE	750.00	
369 "LABPRO" LINEAR EXPANSION HORIZONTAL BRASS PIPE 1/2 METER	1600.00	
371 "LABPRO" LINEAR EXPANSION VERTICAL 1/2 METER	2000.00	
372 "LABPRO" LINEAR EXPANSION VERTICAL 1 METER	4400.00	
373 "LABPRO" LAW MOMENTS APPARATUS	2800.00	
374 "LABPRO" LEE'S CHARTON'S ALL BRASS C.P	3200.00	
375 "LABPRO" MAXWELL VIBRATION NEEDLE (GRADUATED) ALL BRASS 40CM	2880.00	
377 "LABPRO" MAXWELL NEEDLE STAND	1100.00	
378 "LABPRO" OPTICAL BENCH 1 METER SUP IRON ROD HALF SHAPPER	2900.00	
379 "LABPRO" OPTICAL BENCH 1.5 METER SUP IRON ROD HALF SHAPPER	3250.00	
380 "LABPRO" OPTICAL BENCH 1 METER SUP BRASS ROD FULL SHAPPER	4100.00	

LABPRO - 362

LABPRO -363

LABPRO - 367

LABPRO - 369

LABPRO - 374

LABPRO - 375

LABPRO 378

SCIENTIFIC INSTRUMENTS AND LABWARES

381 "LABPRO" OPTICAL BENCH 1 METER BRASS ROD FULL SHAPPER	4400.00	
382 "LABPRO" OPTICAL BENCH 1 METER SS ROD FULL SHAPPER	4400.00	
383 "LABPRO" OPTICAL BENCH 1.5 METER FULL SHAPPER 5.5 ROD	4800.00	
384 "LABPRO" OPTICAL BENCH 1 METER SINGLE ROD IRON	2400.00	
385 "LABPRO" OPTICAL BENCH 1.5 METER IRON ROD	2600.00	
386 "LABPRO" PLUNGER (BRASS) 1/2 METER	1000.00	
387 "LABPRO" POISSON RATION OF RUBBER TUBE APPARATUS	1700.00	
388 "LABPRO" RESONANCE APP SS PIPE 1 MTR	1250.00	
389 "LABPRO" RESONANCE APP BRASS PIPE	1500.00	
390 "LABPRO" RESONANCE APP IRON PIPE	1000.00	
391 "LABPRO" SEXTANT WITH STAND	7600.00	
392 "LABPRO" SONO METER BRASS FITTING	1300.00	
393 "LABPRO" SONO METER AL FITTING	1100.00	
394 "LABPRO" TORSION PENDULUM 5" BRASS DIA	2800.00	
395 "LABPRO" TORSION PENDULUM 5" IRON DIA	1100.00	
396 "LABPRO" TORSION APPARATUS VERTICAL BARTON APP	6800.00	
397 "LABPRO" TORSION APP 1/2 MTR HORIZONTAL	2640.00	
398 "LABPRO" TORSION APP 1 MTR HORIZONTAL	3300.00	

LABPRO - 387

LABPRO - 388

LABPRO - 394

LABPRO - 396

LABPRO - 397

SCIENTIFIC INSTRUMENTS AND LABWARES

399 "LABPRO" VISCOSITY APP STOCKS METHOD WITH BOROSIL GLASS TUBE 1550.00

399A GLASS TUBE 1400.00

401 "LABPRO" SIMPLE PENDULUM IRON 850.00

404 "LABPRO" INERTIA TABLE MOMENT 2200.00

405 "LABPRO" INERTIA DISC 2200.00

406 "LABPRO" INERTIA BAR 1000.00

407 "LABPRO" CONSTANT LEVEL TANK 1350.00

408 "LABPRO" PISEUILLES VISCOSITY APP

409 "LABPRO" RIGIDITY TABLE 1450.00

409A 1090.00

410 "LABPRO" MELDIES APP MCO PATTERN

411 "LABPRO" MELDIES APP OSAW PATTERN

4121 "LABPRO" TORSION PENDULUM (BRIDGE TYPE BIG SIZE) 10" AC 1650.00

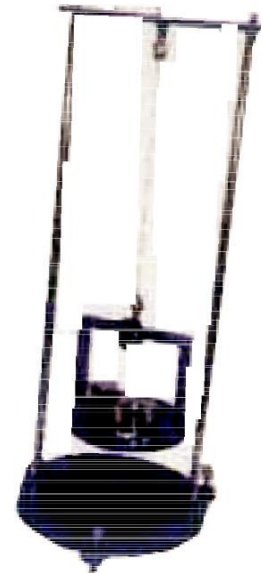
412A132 "LABPRO" TORSION PENDULUM (BRIDGE TYPE BIG SIZE) 6" AC 1250.00
404



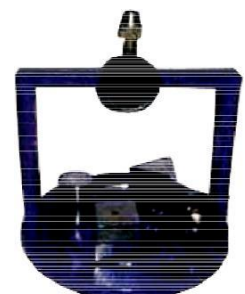
LABPRO - 399



LABPRO - 401



LABPRO -



LABPRO- 412

