



#### **LABPRO -11 AUTOCLAVE PORTABLE**

Fitted with pressure gauge upto 20 psi. the unit has spring-loaded safety valve for pressure adjustment and a dead weight safety valve. Supplied with electric fittings, cord and plug to work on 220/230 volts A.C. supply. Supplied complete with tripod stand



Dia x height in mm	Aluminium	S. Steel
300 x 300 mm [Seamless]	5600.00	8400.00
300 x 375 mm [Jointed]	7000.00	9500.00



a)

b)

## LABPRO -12 AUTOCLAVE VERTICAL (Double Wall)

It used for Sterilizations under Saturated steam pressure at any selected point between 10 to 20 psi. (adjustable). These are double walled units with inner chamber (Boiler) made of 18 S.W.G. stainless steel fitted with neoprene rubber gasket. All autoclaves are fitted with standard accessories such as pressure gauge, steam release cock, spring loaded safety valve, water drain valve and heating element. Supplied complete with cord and plug to work on 220/230 volts A.C. Supply





#### **ECONOMY MODEL:**

c)

Digital Temperature indicator.

Chamber Size in mm & Load		Capacity	Inner	SS	Inner S	S Rac	lial Locking	
	Dia x Depth	(Appro	x)	Outhe	r M.S.	Outer S.	S.	System
a)	250x 450mm	2 KW	22 Ltrs	26000.	.00	32600.0	0	5400.00
b)	300x 500mm	3 KW	40 Ltrs	30000.	.00	37400.0	0	5400.00
c)	350x 500mm	4 KW	50 Ltrs	36500.	.00	42000.0	0	6000.00
d)	400x 500mm	5 KW	78 Ltrs	47000.	.00	57000.0	0	7200.00
e)	450x 500mm	5 KW	98 Ltrs	55000.	.00	71000.0	0	7500.00
f)	550x 500mm	6 KW	152 Ltrs	72000.	.00	85800.0	0	8000.00
LABPRO12A DELUXE MODEL : All S.S. Boo			All S.S. Body fitte	ed With	vacuum	Breaker a	asafety	device
Chamber Size in mm &		Load	Capacity		Al	II S.S	Radial Locking	
	Dia x Depth		(Approx)				Body.	System
a)	250x 450mm		2 KW	22 Ltrs			26000.	00 9000.00
b)	300x 500mm		3 KW	40 Ltrs		29000.00		00 9000.00
c)	350x 500mm		4 KW	50 Ltrs			38500.	00 11000.00
d)	400x 500mm	5 KW	78 Ltrs 48000	.00	12000	.00		
e)	450x 500mm	5 KW	98 Ltrs 51000	.00	14000	.00		
f)	550x 500mm	6 KW	152 Ltrs73000	.00	16000	.00		
	OPTIONAL ACC	CESSORII	ES(FOR DELUXE	AND EC	ONOMY	MODEL		
a)	Pressure contr	ol switch	า			6200.00	)	
b)	Automatic low-water level cut off-devi			ce		5900.00	)	

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3200.00





d)	Digital Temp. Indicator- cum-controller	5500.00
e)	Digital Timer	3700.00
f)	Digital temp .Controller & Digital Timer combined	8200.00
g)	Water level arrangement.	1700.00
h)	Pedal lifting device	2700.00
i)	Dressing bins for various sizes	P.O.R

# *LABPRO-13* AUTOCLAVE VERTICAL HIGH PRESSURE (TRIPLE WALLED) DRY STERILIZATION

Most useful for sterilizing the loaded material under a steam pressure of 10 to 20 p.s.i. (adjustable). It has inner chamber, steam jacket and outer wall made of M.S./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 redial type closing arrangement with pedal lifting device. Fitted with a gasket made up of neoprene rubber, safety valve, water level indicator, steam release valve, pressure gauge, and S.S. basket. Triple Walled with inner chamber, jacket made outer wall and of S.S./M.S. with Radial Locking System

	Dia x Depth	Load	Capacity (Appr)	Outer M.S.	Outer S.S.
a)	250 x 450 mm	2 KW	22 ltrs.	61000.00	75000.00
b)	300 x 500 mm	3 KW	40 ltrs.	74200.00	85400.00
c)	350 x 550 mm	4 KW	50 ltrs.	80500.00	16000.00
d)	400 x 600 mm	5 KW	78 Itrs.	91000.00	115000.00
e)	450 x 600 mm	5 KW	98 ltrs.	100000.00	145000.00
f)	550 x 750 mm	6 KW	152 ltrs.	120000.00	180000.00

**OPTIONAL ACCESSORIES** 

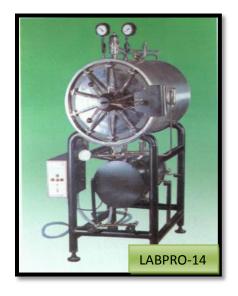
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LABPRO-13





i)	Pressure control switch.	5800.00
ii)	Automatic low-water level cut off-device.	5900.00
iii)	Digital Temperature Indicator.	3300.00
iv)	Digital temp. Indicator-cum-Controller.	5500.00
v)	Digital Timer.	4000.00
vi)	Digital temp. Controller & Digital Timer combined.	9200.00



# LABPRO -14 AUTOCLAVE HORIZONTAL (CYLINDRICAL WITH SEPARATE BOILER)

This is a double walled unit mounted horizontal on a strudy, heavy mild steel tubular stand duly painted. Pressure is adjustable from 10-20 psi. Fitted with pressure gauge, safety valve and steam release valve. Fitted with S.S. Boiler, separate valves for injecting the steam into the main chamber and releasing the steam in atmosphere after use are provided. Automatic vacuum breaker is provided to break the vacuum in case of formation of vacuum due to steam condensation. Inner Chamber made S.S. and Outer of S.S./M.S. Duly painted. Fitted with Automatic Pressure Control Switch and Automatic Low Water level cut off device. Lid is made of S.S. Plate with radial locking

	Dia x Depth	Load	Capacity	Inner S.S.	Inner&
			(Approx.)	Outer M.S.	Outer S.S.
a)	300 x 500 mm	3 KW	40 ltrs.	100000.00	122000.00
b)	350 x 550 mm	4 KW	50 ltrs.	116000.00	138000.00
c)	400 x 600 mm	5 KW	78 ltrs.	132000.00	160000.00
d)	450 x 600 mm	5 KW	98 ltrs.	148000.00	175000.00
e)	550 x 750 mm	6 KW	152 ltrs.	158000.00	190000.00
f)	400 x 1100 mm	1 9 KW	162 itrs.	165000.00	198000.00





## *LABPRO -15* HORIZONTAL HIGH PRESSURE CYLINDRICAL STEAM STERILIZER

(TRIPLE WALLED WITH STEAM JACKET AND SEPARATE BOILER)

The inner chamber, steam jacket, outer chamber and boiler are made of heavy gauge stainless steel with leak proof argon arc welding. The radial locking lid is made thick S.S. plate. The space between the outer chamber and steam jacket is filled with glass wool to minimize thermal losses. Steam boiler is fitted with water level indicator, pressure gauge, low water cut-off device and automatic pressure control device and vacuum breaker to break vacuum in case of formation of vacuum due to steam condensation. Two separate valves are provided for evacuating steam for inner chamber and jackets as and when desired. Stand made of M.S.pipe.



	Dia x Depth	Load	Capacity	Capacity Inner S.S	
			(Approx.)	Outer M.S.	Outer S.S.
a)	400x 600 mm	6 KW	78 ltrs.	221000.00	245000.00
b)	400x 1100 mm	9 KW	162 ltrs.	245000.00	260000.00
c)	500x 900 mm	9 KW	165 ltrs.	247000.00	250000.00
d)	500 x 1200 mm	9 KW	221 ltrs.	265000.00	300000.00







## *LABPRO -16* B.O.D INCUBATOR (IO-CHEMICAL OXYGEN DEMAND) (Deluxe-digital Control)

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 mat 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. Inner illumination has been provided. Temperature is controlled by Deluxe Digital Controller from 5° C to 50° 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 provided with various indicators, on-off switch. Supplied with cord and plug etc. To work on 220VAC 50Hz single phase.

	Inner Chambers size (mm)	Capacity in C	Capacity,	Alum.	S.S.
	WxDxH	cu. ft. (Apr	rrox.)	Chamber	Chamber
a)	405x 405 x 405(Bench Top Model)	2.4 cu. ft.	65 ltrs.	51000.00	65000.00
b)	455 x 410 x 610	4 cu. ft.	112 ltrs.	61000.00	80000.00
c)	505 x 415 x 830	6.1 cu.ft.	171 Itrs.	71000.00	93000.00
d)	565 x 565 x 865	10 cu. ft.	280 ltrs.	80000 00	91800.00
e)	650 x 580 x 900	12 cu. ft.	336 ltrs.	90000 00	110000.00
f)	700 x 650 x 900	15 cu. ft.	420 Itrs.	100000.00	120000.00

**OPTIONAL:** 

I) Timer 0-24 hours day night cycle

2200.00





Co2/air mixer nozzle is provided. 1100.00 ii)

iii) Internal illumination with 3 fluorescent tubes. 3700.00

iv) Microprocessor PID digital temp. Indicator-cum-controller. 9000.00

v) Automatic Voltage stabilizer 3 KVA (recommended - must). 7000.00

Automatic Voltage stabilizer 5 KVA (recommended - must). vi) 8500.00



## LABPRO -17 INCUBATOR BACTERIOLOGICAL

Standard double wall fabrication. Inner chamber made out of richly anodized aluminium or highly polished stainless steel sheet and outer made out of thick mild steel sheet finished in white stoving enamel/powder coated paint with mat finished colour combinations. Double wall door with double glass window for observation in the chamber. Temperature range 5° C above ambient to 80° C ± 1° C controlled by a thermostat. The equipment is workable on 220 VAc 50 Hz single phase.

	Chamber size in mm/Inches	No. of	Capacity	Alum.	S.S.
	H x D x W	Shelves	(Approx.)	Chamber	Chamber
a)	300 x 300 x 300 (12"x 12"x12")	) 2	28 ltrs.	7100.00	8500.00
b)	350 x 350 x 350 (14"x 14"x14")	) 2	45 ltrs.	7800.00	9600.00
c)	400 x 400 x 400 (16"x16"x16")	2	65 Itrs	9000.00	10800.00
d)	450 x450 x 450 (18"x 18"x18")	2	95 Itrs.	10000.00	13000.00
e)	600 x 450 x 450 (24"x 18"x18")	) 2	125 ltrs.	15900.00	19000.00
f)	600 x 600 x 600 (24"x 24"x24"	) 2	224 Itrs.	18000.00	23000.00
g)	900 x 600 x 450 (36"x 24"x18"	) 2	252 ltrs.	27000.00	32800.00





h) 900 x 600 x 600 (36"x 24"x24") 2 336 ltrs. 30000.00 39400.00

I) 900 x 900 x 900 (36"x 36"x36") 3 480 ltrs. 48000.00 59000.00

#### **OPTIONAL:**

I) Air circulating fan. 1900.00

ii) Timer 0-24 hours 2100.00

iii) Imported Thermostat "EGO" /"JUMO" German, Accuracy of ± 1°C. 1100.00

iv) Digital temp. Indicator-cum-Controller. 5500.00

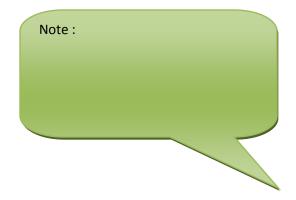
v) Microprocessor PID digital temp. Indicator-cum-controller. 9500.00

#### **LABPRO** -18 HYBRIDIZATION INCUBATOR

-Inside made of stainless steel. Temperature Range is above ambient 5° C to 90° C. The chamber has Air circulating fan to ensure uniformity of temp. A carrier to hold bottles (6 number of 60 mm DIA. x 200 mm Depth) can be easily placed on front of rotator mechanism. Any bottle can be taken out easily from the carrier. The carrier rotates with bottles parallel to the door at a variable speed. Viewing glass window in the specimen inside the chamber. Complete with microprocessor PID digital temp. Indicator-cum-controller with Pt 100 sensor.

Price 105000.00











#### LABPRO -19 EGG. INCUBATOR:

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  $70^{\circ}$  C is controlled by "EGO" / "JUMO" German capillary type thermostat with an accuracy of  $\pm$  0.5° C. The unit is provided with manual tilting device, so as to tilt the tray holding the eggs. To work 00 220/230 volts A.C. supply.

#### CAPACITY:

a)	50 eggs.	21000.00
b)	100 eggs	30000.00
c)	200 eggs.	45000.00
d)	250 eggs	58800.00

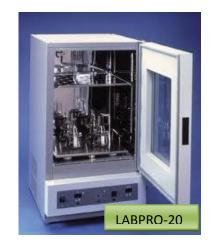
#### **OPTIONAL:**

Digital temp. Indicator-cum-Controller. 6000.00

Microprocessor PID digital temp. Indicator-cum-controller. 11000.00

#### LABPRO -20 ORBITAL SHAKING INCUBATOR 96000.00

Standard double wall construction. Outer chamber made out of mild steel finished in white staving enamel/powder coated paint with mat finished colour combinations. Inner chamber made of stainless steel sheet. The door provided with glass full view window. Interchangeable platform has been provided. Temperature range 5°C above ambient to 60° C  $\pm$  1° C is controlled by a digital controller. Variable speed control regulator controls the speed up to 200 rpm Supplied complete to work on 220V Ac 50Hz single phase. Capacity 16x250m1or 500m1 conical flasks.







#### **OPTIONAL:**

i) Air circulating fan. 2000.00

ii) Timer 0-24 hours 2400.00

iii) Microprocessor PID digital temp. Indicator-cum-controller. 11000.00

LABPRO -20B ORBITAL SHAKING INCUBATOR cum - B.O.D. INCUBATOR 150000.00

Same as LABPRO-20 but temperature range 5° C to 60° C with lighting arrangement.



#### LABPRO -21 WALK-IN-INCUBATOR

Designed for vast number of incubation applications. Can be installed even in hallway room or wherever convenient. Design feature includes enameled mild steel sheet exterior, stainless steel, interior ventilators, internal lighting, exhaust fan etc. Suitable insulated 300 mm sq. inspection window at the door permits inside view with-out opening the door. Complete with panel. Pre fabricated at factory assembled at site. Complete with cord and plug to work on 220V single phase 50 Hz AC supply.

Temperature range from 5° C above ambient to  $60^{\circ}$  C  $\pm$  1° C. Controlled by digital indicator-cum- controller.

#### Available sizes W x H x D

a) 1.2 x2.3 x 1.2 meter 430000.00

b) 2.3 x2.3 x2.3 meter 490000.00

LABPRO -22 WALK-IN-INCUBATOR

Same as LABPRO-21 but with controlled humidity up to  $95\% \pm 5\%$ .

Wx Hx D

a) 1.2 x 2.3 x 1.2 meter 540000.00





b) 2.3 x 2.3 x2.3 meter

660000.00

LABPRO -23 WALK-IN-INCUBATOR

Same as VSA-22 but Temp. range 10° C to 60° C. controlled humidity up to

95% +/-5%

WxHxD

a) 1.2 x 2.3 x1.2 meter 600000.00

b) 2.3 x 2.3 x2.3 meter 780000.00

# LABPRO -24 HOT AIR OVEN & INCUBATOR COMBINED (Twin Model)

Consists of two chambers-upper and lower chambers. The lower chamber works as an incubator where as the upper chamber works as an oven. Chamber made of Polished 304 grade Stainless Steel Sheet. Exterior fabricated out of thick milled steel sheet 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 150°C to 200° C  $\pm$  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 thermostat control Knob and indicators for mains & thermostat. Supplied with cord and plug. The equipment is suitable to operate on 220 VAC 50 Hz single phase



	Chamber size in mm/Inches		No. of Capacity	Alum	S.S.
	H W D	Shelves	(Approx.)	Chamber	Chamber
a)	300 x 300 x 300 (12" x 12" x 12")	4	28 ltrs.	12000.00	16500.00
b)	350 x 350 x 350 (14" x 14" x 14")	4	45 ltrs.	13000.00	18000.00





c)	400 x 400 x 400 (16"x16" x16" )	4	65 ltrs.	17000.00	21800.00
d)	450 x 450x450 (18"x 18"x 18")	4	95 ltrs.	20000.00	26000.00
e)	600 x 450 x 450 (24" x 18" x 18")	4	125 Itrs.	31000.00	36000.00
f)	600 x 600 x 600 (24" x 24" x 24")	4	224 ltrs.	33000.00	40000.00

#### **OPTIONAL:**

i) Air circulating fan. 1700.00

ii) Timer 0-24 hours. 2000.00

iii) Imported Thermostat "EGO" / "JUMO" German, Accuracy of 1°C. 1000.00

Iv) Digital temp indicator - cum controller 4500.00

v) Microprocessor PID digital temp Indicator - cum controller 9500.00



## LABPRO -25 HOT AIR UNIVERSAL OVEN (Memmert Type) (Three side heating elements)

Standard double wall fabrication, Inner chamber made of richly anodized aluminium or highly polished stainless steel sheet. Exterior fabricated out of thick milled steel sheet 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 thermostat control Knob and indicators for mains & thermostat. Supplied with cord and plug. The equipment is suitable to operate on 220 VAC 50 Hz single phase

Chamber size in mm /Inches

No.of (

Capacity

Alum. S.S.





	Н	W	D	Shelves	(Approx.)	Cham	ber	Chamber
a)	300 x 300	0 x 30	00 (12"x 12"x 12")	2	28 Itrs.	7000.0	00	8200.00
b)	350x 350	)x 35(	O (14"x 14"x 14")	2	45 Its.	7100.0	00	8700.00
c)	400 x 400	0x 40	0 (16"x16"x16")	2	65 Itrs.	8500.0	00	10200.00
d)	450 x 450	0 x 45	50 (18"x 18"x 18")	2	95 ltrs.	9500.0	00	10900.00
e)	600 x 450	0 x 45	50 (24"x 18" x 18")	2	125 ltrs.	14700	.00	17600.00
f)	600 x 600	0 x 60	00 (24" x 24" x 24")	2	224 Its.	16400	.00	20000.00
g)	900 x 600	0 x 45	50 (36" x24 x18)	2	252 ltrs.	22500	.00	31200.00
h)	900 x 600	0 x 60	00 (36" x24 x24)	2	336 itrs.	28500	.00	37200.00
i)	900 x 900	0 x 90	00 (36" x 36" x 36")	3	480 hrs.	41500	.00	61000.00
OPTIO	NAL:							
I)	Air circul	ating	fan.		1800.00			
ii)	Timer 0-2	24 hc	ours.		2300.00			
iii)	Imported Thermostat "EGO" / "JUMO" German, Accuracy of			1°C.	1100.0	00		
iv)	Digital temp. Indicator-cum-Controller.				5500.0	00		
v)	Microprocessor PI D digital temp. Indicator-cum-controller.				10000	0.00		

Note: BOTTEM HEATED OVEN IS AVAILABLE ON SAM E PRICE





#### LABPRO -26 DRYING OVEN INDUSTRIAL

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 circulate hot air to achieve uniform temp. in the whole chamber. Double wall door is mounted on heavy hinges and provided with heavy moulded latch. Temperature is controlled by a thermostat and it can be read on dial type thermometer. Temperature range:  $50^{\circ}$  C to  $250^{\circ}$  C  $\pm$   $2^{\circ}$  C to  $5^{\circ}$  C and equipment is workable on 220 VAC 50Hz single phase or 440 volts AC supply.



Chamber size in mm & inches (HxWxD)Approx.

a)	900 x 600 x 600 mm	(36" x 24" x 24")	48000.00
b)	1200 x 900 x 600 mm	(48" x 36" x 24")	58000.00
c)	1500 x 900 x 900 mm	(60" x 36" x 36")	78000.00
d)	1800 x 1200 x 900 mm	(72" x 48" x 36")	87000.00

#### **OPTIONAL:**

i) Timer 0-24 hours. 2400.00

ii) Digital temp. Indicator-cum-Controller. 5500.00

Note: Please ask for other capacities of your requirement.







## **LABPRO -27 TRAY DRYER**

## (Tray Size 16" x32 x11/4

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 circulate hot air to achieve uniform temperature in the whole chamber. Double wall door is mounted on heavy hinges and provided with heavy moulded latch. Temp. is controlled by a thermostat and it can be read on dial type thermometer. Temperature range: 50° C to 150° C ± 2°C to 5°C and equipment is workable on 220 VAC 50Hz single phase or 440 volts A C supply.

Chamber size in mm approx.		Tray Capacity	Inner	Inner	Outer Inner
			M.S.	S.S.	S.S. GMP
a)	430 x 840 x 650	8 trays	60000.00	90000.00	120000.00
b)	430 x 840 x 910	12 trays	72000.00	110000.00	140000.00
c)	910 x 840 x 910	24 trays	112000.00	170000.00	220000 00
d)	960 x 1270 x1450	48 trays	210000.00	312000.00	420000.00
OPTION	NAL:				

## i) Timer 0-24 hours. 2400.00

ii) Digital temp. Indicator-cum-Controller. 6000.00

iii) Aluminium Tray size. 16" x 32" x 1¼" P.O.R.





### LABPRO -28 BOTTLE DRYER

Standard specifications as per LABPRO-26 & 27 Complete with thermostatic temp. Control, dial type thermometer, double wall construction and two side opening doors Temperature attained uniformly by forced air circulation through heavy duty blowers.



	Capacity	Inner M.S.	Inner S.S.
a)	For 8 crates of size 18'x15"x 6"	53000.00	62000.00
b)	For 10 crates of size 18'x15"x 6"	66400.00	75000.00
c)	For 12 crates of size 18'x15"x 6"	85000.00	99800.00

Note: Price is without Crates.

#### **OPTIONAL:**

i)	Timer 0-24 hours.	2400.00
ii)	Digital temp. Indicator-corn-Controller.	6000.00
iii <b>\</b>	Crate of size 18"y 15" y6'	960 00



## LABPRO -29 OVEN VACUUM (Round)

Double walled construction. Inner round chamber made out of S.S., exterior made out of mild steel duly finished in white stoving enamel/powder coated paint with mat finished colour combinations. Temp. range  $50^{\circ}$ C to  $150^{\circ}$  C  $\pm 3^{\circ}$  C. The body capable of withstanding vacuum of 760 mm hg. Workable on 220 VAC 50Hz single phase. Supplied without Vacuum pump





	Chambers size in mm	Capacity	Aluminium	S. S.
	Dia x Depth	(Approx.)	Door	Door
a)	250 x 250	12 ltrs.	31200.00	43000.00
b)	300 x 300	17 Itrs.	33000.00	51000.00
c)	300 x 500	40 ltrs.	40600.00	61600.00

## LABPRO -30 OVEN VACUUM (Rectangular).

Double walled construction. Inner round chamber made out of S.S.I, exterior made out of mild steel duly finished in white stoving enamel/powder coated paint with mat finished colour combinations. Temp. range 50° C to 150° C  $\pm 3$ ° C. The body capable of withstanding vacuum of 760 mm hg. Workable on 220 VAC 50Hz single phase. Supplied without Vacuum pump



#### Chambers size in mm Capacity.

	WxDxH	(Approx.)	M. S. Door	S. S. Door
a)	250 x250 x 250	16 ltrs.	73000.00	81000.00
b)	300 x300 x 300	28 ltrs.	99000.00	99000.00
c)	455 x455 x 455	95 Itrs.	112000.00	130000.00

#### **OPTIONAL**

i) Timer 0-24 hours. 2100.00





Imported Thermostat "EGO" / "JUMO" German, Accuracy of ± 2°C. ii) 1100.00

iii) Digital temp. Indicator-cum-Controller. 5000.00

iv) Microprocessor RID digital temp. Indicator-cum-controller. 9000.00

#### LABPRO -31 SEROLOGICAL WATER BATH(Thermostatic Water Bath)

Temperature range 5°C above 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.

Size inside chamber (Stainless steel) Lx W xH			Capacity (Approx.)
a)	300 x 175x175 mm	(suitable for 1 racks)	12 ltrs. 4100.00
b)	300 x 250x175 mm	(suitable for 2 racks)	14 ltrs. 5100.00
c)	375 x 300x175 mm	(suitable for 4 racks)	18 ltrs. 6000.00
d)	455 x 300x175 mm	(suitable for 6 racks)	25 Itrs. 7500.00
e)	605 x 300x175 mm	(suitable for 8 racks)	32 Itrs. 9000.00

#### **OPTIONAL:**

LABPRO - 32

LABPRO -33

I)	L-shaped thermometer (fitted with water bath).	700.00
ii)	Imported Thermostat EGO"/"JUMO" German with an Accuracy of $\pm0.5$ °C.	900.00
iii)	Digital temp. Indicator-cum-Controller.	4500.00
iv)	Microprocessor RID digital temp. Indicator-cum-controller.	900.00
v)	Stirrer with 1/20 H.P. High speed motor with stainless steel stirring rod and bla 1900.00	de.

WATER BATH WITH PUMP. For Abbe & B.R. Reflectometer.

## WATER BATH PRECISION (Constant temp. Control)

## LABPRO INTERNATIONAL

9000.00





Construction is as per –Labro 31 But with glass windows on both opposite sides for observation. Temperature controlled by Digital temp indicator-cum-controller with a sensitivity of ±.5 to1° C. Suitable for precision laboratory activities requiring constant temperature with high degree of accuracy. Complete with stirrer, workable on 220VAC 50 Hz single phase.

Chamber Size in mm & Inches, Lx Wx H

a) 425 x 250 x 225 mm (17" x 10" x 9") 17000.00

b) 450 x 375 x 375 mm (18"x 15"x 15") 22000.00

c) 600 x 450 x 450 mm (24" x 18" x 18") 27000.00

OPTIONAL: Microprocessor RID digital temp. Indicator-cum-controller. 9000.00



# LABPRO -34 WATER BATH RECTANGULAR (Single wall)

Made of S.S. 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 220/230v A.C.

Size inside (Stainless steel) Lx WxH

Capacity (Approx.)

a) 300x250x100 mm (6 holes of 75 mm dia) 8 ltrs. 3300.00

b) 355x405x100 mm (12 holes of 75mm dia) 15 ltrs. 6300.00

LABPRO-35 WATER BATH RECTANGULAR (Double wall)(Thermostatic Control)

Temperature range from ambient temperature to 98° C. Thermostatic control with an accuracy of 1° 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 220/230 volts A.C.

Size inside (Stainless steel) LxWxH Capacity (Approx.)

a) 300x250x100mm 6 holes of 75 mm dia. 8 ltrs. 5300.00





b) 355x405x100mm 12 holes of 75 mm dia. 15ltrs. 8100.00

#### **OPTIONAL:**

i) Imported Thermostat "EGO"/"JUMO" German, Accuracy ± 0.5°C. 1000.00

ii) Digital temp. Indicator-cum-Controller. 6000.00

LABPRO -36 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 of 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 220vAC 50 Hz single phase.

Chamber size in mm 8	& inches LxWx H	Capacity (Approx.)
300 x 225 x 175 mm	(12"x 9"x 7")	14 ltrs. 7000.00

b) 450 x 300 x 175 mm (18"x 12"x 7") 25 ltrs. 9000.00

#### **OPTIONAL:**

a)

I)	Stirrer arrangement with stainless steel rod & blades.	2000.00
ii)	Imported ThermostarEGO" /"JUMO" German the Accuracy of 0.5°C.	1000.00
iii)	Digital temp. Indicator-cum-Controller.	6000.00
iv)	Microprocessor PID digital temp. Indicator-cum-controller.	10000.00

#### **VSA-37 ULTRASONIC BATH**

a)	9"x 5"x2½	1.6 ltrs.	22000.00	b)	12"x6"x4"	3.6 ltrs.	39000.00
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#### LABPRO -38 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  $5^{\circ}$  C above ambient to  $80^{\circ}$  C  $\pm$   $1^{\circ}$  C. Complete with indicators, wire & plug. To work on 220 V. A.C. without Thermometer.

Dia x Depth





a) 200 mm x 75mm 5000.00

b) 250 mm x 125mm 5100.00

#### LABPRO -39 WATER BATH PARAFIN

Body specification as per VSA-35 with Standard double walled water bath but provided with cups & sleeves for glass tubes.

a) 4 cups & 6 sleeves. 5100.00

b) 6 cups & 8 sleeves. 6000.00

c) 12 cups & 14 sleeves. 7200.00

#### LABPRO -40 PARAFFIN WAX DISPENSER

It is double walled unit with both inner and outer made of stainless steel. The gap between the two walls is filled with high-grade glass wool to avoid thermal loss. Temperature from ambient to 70°C is controlled by hydraulic type "EGO"/JUMO"GERMAN thermostat. Tap system is provided for the outlet of molten paraffin wax.

(a) Capacity 2.0 firs. 12000.00

b) Capacity 4.0 ltrs. 18000.00

#### LABPRO -41 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  $50^{\circ}$  C to  $250^{\circ}$  C ±  $2^{\circ}$  C is controlled by a Imported"EGO" / "JUMO" German thermostat.

Chamber size in am & inches Approx. L xWxH

a) 250 x 250 x 250 mm (10"x10"x 10") 11000.00

b) 300 x 300 x 250 mm (12"x 12"x 10") 12000.00

c) 350 x 350 x 250 mm (14"x 14"x 10") 16000.00

#### **OPTIONAL:**

- i) Digital temp. Indicator-cum-controller. 5000.00
- ii) Microprocessor PID digital temp. Indicator-cum-controller. 9000.00





#### LABPRO -42 CONSTANT. TEMPERATURE RIGERATION-LIQUID BATH (Cooling Bath)

Standard double wall construction. Inner chamber made out of thick, highly polished stainless steel sheet. Temperature range  $5^{\circ}$  C to  $50^{\circ}$  C and controlled by a Digital temp. Indicator-cum-controller accuracy of  $\pm$  1° C. Fitted with FHP pump for circulating the cold liquid to the external equipment.

Chamber size LxWx H Capacity (Approx.)

500 x 250 x 250 mm 32 ltrs. 70000.00

OPTIONAL: Microprocessor PID digital temp. Indicator-cum-controller 9000.00

#### LABPRO -43 REFRIGERATED LIQUID BATH

Standard Construction, inner Chamber made out of stainless steel sheet with digital temp. controller-cumindicator. Temp. can be controlled from range minus (-) 20° C to plus (+) 40° C.

Chamber size LxWxH Capacity (Approx.)

450 x 300 x300mm 42 lts. 85000.00

OPTIONAL: Microprocessor PID digital temp. Indicator-cum-controller. 9000.00

#### LABPRO -44 WATER BATH INCUBATOR SHAKER (Metabolic Shaking Incunator)

Temperature range from room temperature to 95° C. Thermostatic control with an accuracy of ±1° C. Double walled, inside made of stainless steel and outside mild steel sheet, painted in epoxy powder coating. Oscillating tray is riding on ball rollers. Shaking speed range 40 to 140 r.p.m. Shaking tray can hold either test tubes or flask of 25ml, 50m1,1 00m1. To work on 220/230 voltsA.C. without R.P.M. Indicator.

Shaking Tray Size (Stainless steel) Capacity (Approx.)

a) 275 x 275 x 150 mm 12 ltrs. 30000.00

b) 405 x 300 x 150 mm 18 grs. 35000.00

#### **OPTIONAL**

i) L-shaped thermometer (fitted with water bath). 700.00

ii) Imported Thermostat "EGO" / "JUMO" German with an Accuracy of 0.5°C. 1100.00

iii) Digital temp. Indicator-cum-Controller. 5000.00





iv) Microprocessor PID digital temp. Indicator-cum-controller.

9000.00

v) Shaking tray for 50ml, 100ml, 250ml, 500ml, & 25ml dia. Test tubes

or conical flasks. 1800.00

#### LABPRO -45 WATER STILL (Manasy type) Aluminium

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. 7400.00

b) Output approx. 3/4 liters per hour. 8500.00

c) Output approx. 5/6 liters per hour. 9000.00



## LABPRO -46 WATER STILL (Manasty type) Stainless steel

Wall hanging with Specifications as Model LABPRO-45 but made of stainless steel sheet.

. 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 (Appprox)

a) Output approx 2/3 litres per hour. 4500.00

b) Output approx 3/4 litres per hour. 5200.00





c) Output approx 5/6 litres per hour.

6000.00





## LABPRO -47 DISTILLATION APPRATUS ALL GLASS (Electrically Heated)

The assembly consists of a corning glass flask with embedded heating elements fused in spiral with type glass coil internally at bottom. A double wall coiled condenser has standard ground glass joints.Complete with glass fitting, metallic stand, rights clamps and electrical fittings. The unit supplied is as per N patent design. To work on 220/230 voltsA.C. Supply.

#### As per NPL Pattern

	FLASK CAPACITY	SINGLE STAGE	DOUBLE STAGE	TRIPLE STAGE
a)	3lit.Cap.	9000.00	18000.00	30000.00
b)	5ltr.Cap	12000.00	24000.00	40000.00
I)	Thermal sensor co	utoff device : for sin	gle unit 33	00.00
ii)	for do	Dofor double unit.		
iii)	Dofor triple unit.		3600.00	
iv)	Special grade rub	Special grade rubber tubing (Coil of 10 meter)		0.00







## LABPRO -50 GLASS BEAD STERIWZER

An alternative to traditional methods of sterilizing, once switched 'ON' the units are ready to use within minutes and ensure total destruction of all micro-organism within seconds. Preset temp. of 2300 ( 250° C, incorporated with a thermostat with an accuracy of  $\pm$  1-2°C of the preset range. These a compact enough to be placed on 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 x 2" Depth. 6500.00

b) Crucible size: 2" Dia x 6" Depth. 7600.00

LABPRO-51 TUBE HEATING BLOCK (Dry Bath) 32000.00

This Block is comprised of an outer case with heater and thermostat, fitted with aluminium blocks drilled to accept test tubes of 25mm dia. Temperature control by means of 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.

#### **OPTIONAL:**

i) Digital Temp controller-cum-indicator. 5500.00

ii) The above chamber with 40 holes to accept 13 and 19mm test tubes

LABPRO -52 MELTING POINT APPARATUS 3000.00

For determination of melting points up to 350° C. The mounted block is illuminated from below by a lamp fixed in its housing. The aluminium block accepts three capillary tubes and mercury thermometer. temperature is regulated by energy regulator fitted to the unit. The lamp provides uniform and shadow less light, regulator fitted to the unit. Supplied without capillary tubes and thermometer.







## **LABPRO -53 HEATING MANTLE**

It withstands high temperature up to 350° C. The body of the mantle is spun in one piece from non-rusting Aluminum (up to 10 litres capacity) duly finished in white stoving enamel/powder coated paint with matt finished colour combinations. All heating mantles are lagged with special grade mineral wool. Works on 220/230 Volts A.C.

	Capacity	Wattage	Spare mantels	Complete
a)	50ml	60	190.00	1000.00
b)	100ml	60	230.00	1000.00
c)	250 ml	150	260.00	1200.00
d)	500 ml	200	310.00	1200.00
e)	1ltrs.	300	350.00	1600.00
f)	2 ltrs.	450	400.00	1600.00
g)	3 ltrs	450	480.00	1800.00
h)	5 Itrs.	600	550.00	2800.00
I)	10 ltrs.	2x500	950.00	4500.00

# LABPRO -54 RECTANGULAR MUFFLE FURNANCE (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 220 VAC 50 Hz single phase.







#### Muffle size in mm & inches

a)	225 x 100 x 100 (9"x4"x4")	13000.00
b)	250 x 125 x 125 (10"x5"x5")	16000.00
c)	300 x 150 x 150 (12"x6"x6")	24000.00
d)	300 x 200 x 200 (12"x8"x8")	32000.00
e)	350 x 175 x 125 (14"x7"x5")	32000.00
f)	450 x 225 x 225 (18"x9"x9")	38000.00

OPTIONAL: (Instead of energy regulator and pyrometer.)

I) Digital temp. indicator-cum-controller 5500.00

ii) Microprocessor PID digital temp. Indicator-cum-controller instead of 9000.00



## LABPRO -55 HIGHTEMPERATURE FURNACE 1200°c (Industrial)

The furnace is insulated with 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

#### Muffle size in mm & inches

a)	225 x 100 x 100 (9"x4"x 4")	33000.00
b)	250 x 125 x 125 (10"x5"x 5")	37000.00
c)	300 x 150 x 150 (12"x6"x 6")	47000.00





d) 300 x 200 x 200 (12"x8"x 8")

48000.00

e) 450 x 225 x 225 (18"x9"x 9")

59000.00

OPTIONAL: Microprocessor PID digital temp. Indicator-cum-controller 9000.00

#### **LABPRO -56 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 is firmly mounted on the body. Heavy duty heating elements are securely layed under the plate to operate on 220V AC 50Hz single phase. Temp. is controlled by a three-heat rotary switch / energy regulator as per demand.



A) HOT PLATE (ROUND) SINGLE:

20 cm (8") dia. moulded top 1800.00

with SS Sheet top.

2100.00

B) HOT PLATE: (ROUND) DOUBLE

Two plates of 20 cm (8") dia. 3500.00

with SS Sheet top.

4200.00

C) HOT PLATE: (COIL TYPE)

20 cm (8") dia 1900.00

D) HOT PLATE (RECTANGULAR)

Following standard sizes are available:

a)	30 x25 cm(12"x 10")	3600.00	with SS Sheet top.	4200.00

b) 40 x 25 cm(16"x 10") 4100.00 with SS Sheet top. 4800.00

c) 45 x 30 cm(18"x 12") 5100.00 with SS Sheet top. 5800.00

d) 60 x 45 cm(24"x 18") 7200.00 with SS Sheet top. 7800.00

**OPTIONAL:** 





- i) Sunvic energy regulator can be provided against routine energy regulator. P. O. R.
- ii) Digital temp. Indicator-cum-controller. 5000.00

#### LABPRO -57 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 out of thick mild steel duly finished in white staving enamel/powder coated paint with mat finished colour combinations and top is made of highly polished Aluminium/Stainless Steel sheet. To work on 220VAC 50 Hz single phase.

	Length x Width	Al. Top	S.S.Top
a)	30 x 25 cm(12"x10")	2700.00	3200.00
b)	40 x 25 cm(16"x 10")	3500.00	4200.00
c)	45 x 30 cm(18"x 12")	4500.00	5500.00
d)	60 x 15 cm(24" x 6")	5500.00	6500.00

#### LABPRO -58 SOXHLET EXTRACTION UNITS: All following units are without glass part:

Standard mild steel body and upright fittings. Body finished in stove heating paint and other parts are duly chrome plated. Housing provided with heating mantels for surface temp. up to 300 °C. Provided with a common energy regulator to control all units, individual on-off switches & pilot lamps. To work on 220VAC

#### SOXHLET EXTRACTION UNIT: (Mantel type)

	a)	The unit of 3 mantels rating 500 watts.	6500.00
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- b) The unit of 6 mantels rating 750 watts. 9000.00
- A) SOXHLET EXTRACTION UNIT: (Heater type)
- 1) Aunit of 3 heaters. 6500.00
- 2) A unit of 6 heaters. 8800.00
- B) SOXHLET EXTRACTION UNITS: (Hot plate type)
- 1) A unit of 3 hot plates. 8500.00





2) A unit of 6 hot plates. 12000.00

C) SOXHLET EXTRACTION UNITS: (Bath type)

Double wall - inner chamber made of stainless steel

1) A unit of 3 baths. 10800.00

2) A unit of 6 baths. 15600.00

OPTIONAL: Sunvic energy regulator can be provided with all above units. P. O. R.

Note :All above units are without glass parts.

#### LABPRO -57 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 out of thick mild steel duly finished in white staving enamel/powder coated paint with mat finished colour combinations and top is made of highly polished Aluminium/Stainless Steel sheet. To work on 220VAC 50 Hz single phase.

	Length x Width	Al. Top	S.S.Top
a)	30 x 25 cm(12"x10")	2700.00	3200.00
b)	40 x 25 cm(16"x 10")	3500.00	4200.00
c)	45 x 30 cm(18"x 12")	4500.00	5500.00
d)	60 x 15 cm(24" x 6")	5500.00	6500.00

#### LABPRO -58 SOXHLET EXTRACTION UNITS: All following units are without glass part:

Standard mild steel body and upright fittings. Body finished in stove heating paint and other parts are duly chrome plated. Housing provided with heating mantels for surface temp. up to 300 °C. Provided with a common energy regulator to control all units, individual on-off switches & pilot lamps. To work on 220VAC

SOXHLET EXTRACTION UNIT: (Mantel type)

a) The unit of 3 mantels rating 500 watts. 6500.00

b) The unit of 6 mantels rating 750 watts. 9000.00





A) SOXHLET EXTRACTION UNIT: (Heater type)

1) Aunit of 3 heaters. 6500.00

2) A unit of 6 heaters. 8800.00

B) SOXHLET EXTRACTION UNITS: (Hot plate type)

1) A unit of 3 hot plates. 8500.00

2) A unit of 6 hot plates. 12000.00

C) SOXHLET EXTRACTION UNITS: (Bath type)

Double wall - inner chamber made of stainless steel

1) A unit of 3 baths. 10800.00

2) A unit of 6 baths. 15600.00

OPTIONAL: Sunvic energy regulator can be provided with all above units. P. O. R.

Note: All above units are without glass parts.

LABPRO -59 KJELDHAL UNITS: All following units are without glass part

Made out of mild steel duly finished in white staving enamel/powder coated paint with mat finished colour combinations other metallic parts are chrome plated.

A) KJELDHAL DIGESTION UNITS:

a) Unit of 3 tests (Heater type) 6500.00

b) Unit of 6 tests (Heater type) 8500.00

c) Unit of 3 tests (Mantel type) 6500.00

D) Unit of 6 tests (Mantel type) 9000.00

B) KJELDHAL DISTILLATION UNITS:

a) Unit of 3 tests (Heater type) 8500.00

b) Unit of 6 tests (Heater type) 11000.00





c) Unit of 3 tests (Mantel type) 9000.00

d) Unit of 6 tests (Mantel type) 11000.00

C) KJELDHAL DISTILLATION & DIGESTION UNITS: (Combined)

a) Unit of 3 tests (Heater type) 12000.00

b) Unit of 6 tests (Heater type) 18000.00

c) Unit of 3 tests (Mantel type) 17000.00

d) Unit of 6 tests (Mantel type) 25000.00

OPTIONAL: i) Fume duct of Borosilicate glass for 3 tests 2000.00

for 6 tests 3500.00

ii) Sunvic energy regulator. P. O. R

#### LABPRO -59 KJELDHAL UNITS: All following units are without glass part

Made out of mild steel duly finished in white staving enamel/powder coated paint with mat finished colour combinations other metallic parts are chrome plated.

A) KJELDHAL DIGESTION UNITS:

a) Unit of 3 tests (Heater type) 6500.00

b) Unit of 6 tests (Heater type) 8500.00

c) Unit of 3 tests (Mantel type) 6500.00

D) Unit of 6 tests (Mantel type) 9000.00

B) KJELDHAL DISTILLATION UNITS:

a) Unit of 3 tests (Heater type) 8500.00

b) Unit of 6 tests (Heater type) 11000.00

c) Unit of 3 tests (Mantel type) 9000.00

d) Unit of 6 tests (Mantel type) 11000.00





C) KJELDHAL DISTILLATION & DIGESTION UNITS: (Combined)

a) Unit of 3 tests (Heater type) 12000.00

b) Unit of 6 tests (Heater type) 18000.00

c) Unit of 3 tests (Mantel type) 17000.00

d) Unit of 6 tests (Mantel type) 25000.00

OPTIONAL: i) Fume duct of Borosilicate glass for 3 tests 2000.00

for 6 tests 3500.00

ii) Sunvic energy regulator. P. O. R

#### LABPRO -61 AEROSOL DISINFECTOR (S.S. BODY) CAP 3 LTR.

It instantly converts liquid formalin / disinfecting liquid, into the true aerosol particles. Due to high aerodynamic stability the formalin droplets remain suspended for longer duration and thus ensure 100% sterile germ free and zero bacteria environment. A single unit can sterilize 250cu. meters. (9000 cu.ft) in just 30-60 minutes. To work on 330 / 230 Volt A.C.

#### **OPTIONAL ACCESSORIES**

(a) Automatic GERMAN Timer 0-120 minutes & Control Module. 1500.00

LABPRO -62 HUMIDIFIER (S.S. BODY) CAP. 5 LTR. 16000.00

Humidifier is basically an Atomizing Humidifier of splash plate rotating disc type. Designed to give relative humidity as high as upto 95% RH in enclosed areas. Humidifier is a portable unit body made of Stainless steel. Capable of atomizing up to three liters of water in an hour at full evaporation in the driest possible ambient conditions. Provided with automatic flout valve assembly to work on 220V AC. Capacity: 5 Liters

OPTIONAL: Control box with Humidistat for controlling humidity. 4800.00







LABPRO -63 DE-HUMIDIFIER 85400.00

(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 to collect condensate water. Humidity is controlled by HUMIDITY CONTROLLER incorporated in the unit, up to  $30\% \pm 3\%$  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 220/230 volts A.C. supply. Capacity: 1.5 Tons

LABPRO -63 DE-HUMIDIFIER 98000.00

Specification as per LABPRO- 63 but fitted with DIGITAL HUMIDITY INDICATOR-CUM -CONTROLLER in lieu of analog controller.

OPTIONAL: Automatic Voltage stabilizer 4.0 KVA. (Recommended) 9000.00

LABPRO -64 HUMIDITY CABINET

Temperature range ambient temperature to  $60^{\circ}$  C. Temperature controlled by a hydraulic thermostat with an accuracy of  $\pm 1^{\circ}$  C with built-in horizontal 'L shape thermometer. The humidity is controlled by Humidistat from atmospheric humidity to 95% with a sensitivity of  $\pm 3\%$ . Double walled inside anodized Aluminum/Stainless steel and outside Mild steel painted in epoxy powder coating. The door has glass window. To work on 220/230 voltsA.C. Inside water tank is made of stainless steel.

Size Inside Chamber

W D H Capacity (Approx)

a) 455 x 455 x 455 mm 95 ltrs. 60000.00





b) 455 x 455 x 710 mm 147 ltrs. 72000.00

c) 605 x 605 x 605 mm 225 ltrs. 76000.00

d) 605 x 605 x 910 mm 335 ltrs. 88000.00

#### **OPTIONAL:**

i) Hygrometer (Humidity indicator). 1500.00

ii) Digital Temp. controller-cum-indicator. 6000.00

iii) Digital Humidity Controller with 100% sensor 12000.00

iv) Microprocessor PID digital temp. Indicator-cum-controller. 11000.00

v) Automatic electronic controller with digital display for Temp. & Humidity

combined. 16000.00

vi) Automatic voltage stabilizer 3 KVA (recommended). 8000.00

LABPRO -65 ENVIRONMENTAL CHAMBER HUMIDITY CABINET (Temp. Control/"Digital")

General specification as LABPRO-64 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 5° C to 50° C  $\pm$  2°C and humidity from 30% to 95%  $\pm$  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. Chambers size in mm

W	D	Н	Capacity (Approx.)	

a) 455 x 455x 455 mm 95 ltrs. 100000.00

b) 455 x 455 x 710 mm 147 ltrs. 110000.00

c) 605 x 605 x 605 mm 225 ltrs. 130000.00

d) 605 x 605x 910 mm 335 ltrs. 135000.00

#### **OPTIONAL:**

i) Hygrometer (Humidity indicator). 1200.00





- ii) Microprocessor PID digital temp. Indicator-cum-controller. 9500.00
- iii) Automatic electronic controller digital display for Temp. & Humidity combined. 28000.00
- iv) Automatic voltage stabilizer 3 KVA (recommended). 7000.00

#### LABPRO -75 MORTUARY CHAMBER

Used for storing cadaverous under low temperature cool conditions in order to prevent decomposition. These units are double walled with outer made of S.S./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 bearings for easy movement. Hermetically sealed compressor serves refrigeration unit, to maintain temperature range of 2° C to 5° C. Unit is fitted with Digital Temperature Indicator-cum-controller. Works on 220/230 volts A.C. Supply.

	Capacity	Temp.	Inner SS	Inner Outer	Voltage	
			Outer MS	S.S.		Stabilizer
a)	Single Body	Temp -2° to 5°0	180000.00	230000 00	3KVA	7000.00
b)	Two Bodies	Temp -2° to 5°0	230000 00	310000.00	4KVA	8000.00
c)	Three Bodies	Temp ,2° to 5°C	300000.00	410000.00	5KVA	9000.00
d)	Four Bodies	Temp -2° to 5°0	370000.00	500000.00	8KVA	14000.00
e)	Six Bodies	Temp -2° to 5°0	480000.00	640000.00	8KVA	14000.00

#### LABPRO -76 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 is maintained in 4° C to 6° C with forced air circulation ensures uniform temperature, for storing blood bottles or blood bags. Temperature is controlled by Microprocessor PID digital temperature controlled-cum-indicator and triggers the AUDIO VISUAL ALARM in the event of fluctuation exceeding permitted tolerance. Unit is also fitted with DOOR OPERATED ALARM and POWER SUPPLY FAILURE ALARM, 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 220/230 volts A.C. Available in following capacities

a) 85 litres (50 blood Bags) 78000.00

b) 165 litres (110 blood Bags) 98000.00

c) 200 litres (200 blood Bags) 100000.00

d) 280 litres (250 blood Bags) 110000.00

e) 400 litres (360 blood Bags) 170000.00

OPTIONAL: i) Chart type temperature recorder. 30000.00

ii) Voltage Stabilizer 3KVA (Recommended) 7000.00

iii) Voltage Stabilizer 5KVA(Recommended) 9000.00

#### LABPRO -77 VACCINE STORAGE CABINET

Vaccine storage cabinet, the most versatile unit for vaccine storage. Inner chamber made of stainless steel external mild steel sheet body of rigid steel frame. Insulated thoroughly provided with face fitting doors, complete with self- closing hinges lockable fasteners.

Cabinet is fully sealed to avoid spilling and contamination from external environment. Temp. ranges from 4° C to 6° C. Available in various sizes for keeping vaccines bottles. Drawers with clear Perspex fronts and index card holders. Temp. controlled and displayed by Microprocessor PID digital temperature controlled-cum-indicator. Audio visual alarms are triggered, in the event of fluctuations exceeding permitted tolerance level. Suitable to work on 220 V, single phase, 50 Hz, AC supply.

#### Available in following size Wx Dx H

A) 450 x 400 x 850 mm 110000.00

B) 600 x 675 x 850 mm 124000.00

### **OPTIONAL:**

I) Chart type temperature recorder. 30000.00





- ii) Voltage Stabilizer 3KVA(Recommended) 7000.00
- iii) Voltage Stabilizer 5KVA(Recommended) 8000.00

LABPRO -78 DEEP FREEZER (Horizontal & Vertical)

Double walled with inner chamber made of S.S. and outer of thick PCRC sheet duly powder coated/enamel painted. Temperature range from ambient to -20°C or -40°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 type models are supplied in a single compartment where as vertical models are supplied with three stainless steel storing shelves.

Capacities Chamber Size	-20°C	-30°C	-40°C
4 cuft. 375 x 500 x 605mm	65000.00	85000.00	140000.00
6cuft. 505 x410 x 830mm	80000.00	98000.00	160000.00
10 cuft. 570 x 550 x 875mm	88000.00	138000.00	198000.00
12 cuft. 650 x 580 x 900mm	100000.00	158000.00	210000.00

#### **OPTIONAL**

i)	Chart type temperature recorder.	32000.00
ii)	Voltage Stabilizer 3KVA(Recommended)	8000.00
iii)	Voltage Stabilizer 5KVA(Recommended)	10000.00

Note: Please ask for other capacities and sizes of your requirement.

### LABPRO -79 FROZEN SEMEN STORAGE CABINET

Double walled with inner chamber made of SS-304 and outer of thick PCRC sheet duly powder coated/enamel painted. Temperature range fixed at 3°C or 4°C is achieved by hermetically sealed compressor. The inner chamber is provided with a flourescent tube (40 watts) for easy and clear inside view. The inner chamber shelves for handling the frozen samples is also made of stainless steel. 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.

Chamber Size: 1250(W) x200(at top)(D)x 660mm(H) 160000.00





#### **OPTIONAL**

i) Chart type temperature recorder. 28000.00

ii) Built in U.V. Germicidal light. 3500.00

iii) Voltage Stabilizer 3KVA(Recommended ) 7000.00

LABPRO -80 PLASMA FREEZER

For uniform and safe storage of plasma and related blood components at uniform preset temperature range - 30°C. All vertical models of plasma freezers are fitted with 7 days circular chart recorder fitted Digital Temp. indicator -cum-Controller. supplied with three stainless steel storing shelves. To work on 220/230 volts.

a) Capacity to accommodate approx 130 plasma bags. 140000.00

b) Capacity to accommodate approx 240 plasma bags. 160000.00

LABPRO -81 LYOPHILIZER (Freze Dryer)

These are the most moderen Lyophilize/Freeze, which is available in various capacities. Our bench top models have been developed to meet the most demanding requirment for a reasearch freeze dryer.

a) Capacity 3.25 liters approx. 270000.00

b) Capacity 5.25 liters approx 320000.00

LABPRO -82 Tissue Processing Unit ----Single Unit 15500.00

Compact model, suitable for use in small Laboratories. Supplied with One S.S. Basket Rotor, One S.S. Tissue Basket, One S.S. Wax Bath, 24 Nos. S.S. Tissue Capsules, 6 Nos. S-type Dividers. Suitable to work on 220 V, single phase, 50 Hz, Ac supply.

LABPRO -83 Automatic Tissue Processor----Latest Model 100000.00

The latest model incorporates an automatic safety device and locking system. The safety device prevents the transfer of tissue from 10th stage to 11th stage or from 11th to 12th stage, in case the wax has not been melted properly due to power failure or any malfunctioning, thus protecting the unit and the tissues. The auto locking system checks the transfer of tissues from 12th to 1st stage to safeguard against the accidental reprocessing of the same and locks the machine. This lock can be undone by pressing of a push switch to prepare the unit for fresh use. Supplied complete with One S.S. Basket Rotor, One S.S. Tissue Basket, 24 Nos. S.S. Tissue Capsules, 10 Nos. Glass Beakers of 1 It. capacity each, 11 Nos. Beaker Covers, 2 Nos. S.S. Wax Baths, 5 Nos. 24 hrs. calibrated Timing Discs and One notch plier to program metallic timing discs. Suitable to work on 220 V, single phase, 50 Hz, AC supply. Capacity: 1 Litre.





LABPRO -84 Automatic Tissue Processor----Super Deluxe 120000.00

This model is specially designed and immaculately combines aesthetic appeal with functional utility. Most effective feature of the machine is that only Basket Rotor along with the single bakelite beaker cover lifts up to change the position on to the next stage of the processing cycle. All the other beakers remain covered during each change of stage, thus keeping the loss of alcohol/reagents to a minimal level due to evaporation.

#### Technial Data:

It progresses from its natural stage, through dehydration stages to its final embedding in wax, with 12 processing stages. Quite elaborate methods can easily be employed for baths. Programming the machine is very simple by cutting notches at desired timing intervals on the disc calibrated for 24 hrs. If used with single load head, 36 tissues can be processed for unequal immersion time and with double load head 72 tissues can be processed using the equal immersion time. The delay timer for 24 hours is also provided for weekend and routine delay starting.

Both the baskets keep rotating to ensure better penetration. All the beakers remain covered throughout the process. On completion of the cycle the unit automatically gets locked up to prevent double processing and the tissues remain embedded in the wax bath, until removed.

### Safety Device

The built-in safety device protects the tissues by not allowing them to shift from 10th to 11th or 11th to 12th stage in case the wax is not melted. It precludes any accident due to power failure or manufacturing of the wax baths.

The equipment is supplied complete with 2 Nos. S.S. Basket Rotors, 2 Nos. S.S. Baskets, 24 Nos. S.S. Tissue capsules, 10 Nos. Borosil Glass Beakers without lip, 2 Nos. S.S. Wax Baths, 5 Nos. 24 hrs. calibrated metallic timing disc, One notch cutting plier. Considering the requirement of different individual users, the Model is available in different Cap. Beaker/Wax Bath Cap.: 1 litre. 2 Liters Suitable to work on 220V, Single Phase 50 Hz, AC supply. Cap.: 1 Ltr, 2 Ltr

#### Spare Accessories for VSA-83 and VSA-84

i)	Automatic wax bath. Special type	6000.00
ii)	Basket Rotor which rotates the tissue basket slowly.	4100.00
iii)	Tissue capsule basket S.S. even perforation.	2150.00
iv)	Tissue capsule S.S. 28x28x9mm with sliding cover.	130.00
v)	Tissue capsule S.S. 20x20x 10mm with sliding cover.	130.00





vi) Tissue capsule S.S. Circular, 36mm dia with auto press lid.110.00

vii) Divider for Tissue capsule 's' shape. 28.00

viii) Divider for Tissue capsule 'v' shape. 28.00

ix) Beaker without lip. 340.00

x) Timing Disc calibrated for 24 hours. 280.00

#### LABPRO -85 Micro Processor Based Automatic Tissue Processor

Under the guidance of eminent pathologists our R & D Division has developed yet another unique model of Tissue Processor having complete Programmer logic Controller for complete cycle. Timing & stage sequence, Wax bath temperature safety system etc. are all controlled/operated by feather touch key board with Digital Display. The entire unit looks very attractive with aesthetic appeal. The data is retained in case of power failure. Front panel comprises of the key board, digital display, control switch. The PID temperature controller have been used for controlling the wax bath temperature.

Technical Data: The 12 stage timing sequence may be programmed for each stage for duration between 1 minute to 9 hrs. 59 minute, in steps of 1 minute.

Delay Time: Delay time can be programmed upto 99 hours and will be sequenced with main control. Wax Bath Safety Control: Wax Bath PID temperature controller gives signal if temperature is not between 50° to 65°C. Safety System will function at 10th, 11th & 12th position and will stop the main unit in stage 9 onward till the set temperature is attained in the wax bath.

Basket Rotor: Slowly rotating 2 basket rotors are also operated through the microprocessor.

The unit is supplied complete with 2 Nos. S.S. Basket Rotors, 2 Nos. S.S. Baskets, 24 Nos. S.S. Tissue Capsules, 10 Nos. S.S. beakers without lip, 2 Nos. S.S. Wax Baths (Special designed for use with PID temperature controller). Suitable to work on 220 V, single phase, 50 Hz, AC supply. Cap.: 1 litre, 2 liters Spare Accessories

Automatic Wax Bath specially designed for PID control with sensor. It signal's the machine in stage 9, prior to immersion in Wax and if wax is melted it automatically takes change from stage 9 to 10 and so on, but if wax is not melted due to some reasons, then machine signals "Wax not melted or temperature is not proper". When wax is melted/wax temperature is attained then only the tissue basket is allowed to immerse or rotate in the wax bath. Thus 100% safety of precious tissue.

7000.00

ii) Basket Rotor which rotate the tissue basket slowly. 4000.00

iii) Tissue Capsule Basket of S.S. with even perforation 2300.00





iv) Tissue Capsule S.S. 28 x28x9mm with sliding cover 130.00

v) Tissue Capsule S.S. 20 x20x 10mm with sliding cover. 120.00

vi) Tissue capsule S.S. circular, 36mm dia with Auto press lid.110.00

vii) Divider for Tissue Capsule 'S shape. 28.00

viii) Divider for Tissue Capsule 'V' shape. 28.00

ix) Beaker without lip. 350.00

LABPRO -86 Bone Decalcifier (Latest Model Designed on International Pattern) 14000.00

Suitable for use in Histology for decalcification of the bone tissue by electrolytic action for easy and precise sectioning. Through the combination of heat &fluid agitation, this instrument provide a method of decalcifying bone in preparation for sectioning & cellular staining. Decalcification is completed for significantly reduced time as compared to manual process, to ensure good staining characteristics. Nitric or Hydrochloric acid of not more than 5% concentrated is generally used.

Basket movement is provided by an electric motor, which raises & lowers the basket and concurrently rotates it at slow speed for thorough solution action. A heating jacket vessel in the base of the support- stand heats the solution. An electric sunvic energy regulator/control box is fitted on the stand for easy operation. Suitable complete with plug & cord, the units is suitable for operation at 220 V, single phase, 50 Hz, AC supply.

LABPRO -87 Automatic Slide Staining Machine----12 Section 100000.00

Manual Slide Staining procedure occupies considerable amount of technician's time. To accelerate the process. Slide Staining Machine" was designed on modern principles for carrying out practically all Slide Staining techniques of Cytology & Histology.

Slide Staining Machine "12 Stations", is compact and rugged equipment designed on latest technology for automatic staining of slides in different reagents according to pre programmed chronological user selectable cycles. Throughout the process the slides are shaken (Switch selectable) for effective staining in a slide carrier (Capacity 16 Slides). The last trough i.e. 12th Station is provided with an inlet and outlet to enable washing of the residual chemicals.

The unit is supplied complete with 11 Glass Staining troughs, 1 trough with inlet and outlet, 1 Slide carrier, 5 Timing Discs for chronological programming calibrated for 60 minute and 1 notch cutting plier. Suitable for work on 220V, single phase, 50 Hz,Ac supply.

LABPRO -158 ROTA MANTLE





It is a combined mechanism. In this unit magnetic stirrer is fixed beneath the heating mantle. Maximum speed 1200 RPM with speed control.

	Flask Capacity	Watts	
a)	500 ml.	150	4100.00
b)	1000m1.	250	4200.00

400

2000m1.

c)

LABPRO-159 MAGNETIC STIRRER (With and Heavy Duty Permanent Magnet)

5500.00

It has a compact stirring device utilizing magnetic field (created by a PERMANENT MAGNET) which induces variable speed stirring action. Maximum speed 1200 RPM. Stirring is accomplished by means of small Teflon rotor, which when placed to be stirred is capable or rotation by magnetic field applied from below the container. The unit is fitted with pilot lamp. Works on 220/230 volts A.C.

	Capacity	Magnetic Stirrer	Magnetic Stirrer with Hot Plate
a)	1litr.	2200.00	3200.00
b)	2 ltrs.	2300.00	3600.00
c)	5 ltrs.	3700.00	4700.00
LABPRO -160 LABORATORY STIRRER			5700.00

The motor stirrer having maximum speed up to 4000 RPM. 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.

OPTIONAL: Automatic 0-60 minute timer. 1100.00

LABPRO -161 TISSUE HOMOGENISER

Heavy & stable cast iron base duly painted with mild steel chrome plated upright provided with strong adjustable clamps to hold motor with stirring rod of stainless steel with Teflon grinder and clamp to hold tissue homogenizing vessel of borosilicate glass which is also adjustable. Speed variable through a control unit to work on 220VAC 50Hz single phase Motor used is of 1/20 H.P

Homogenizing vessel





a) 25 ml. 7100.00 b) 50 ml 7500.00 c) 100 ml. 8100.00

LABPRO -162 ROTARY SHAKER (VDRL ROTATPR) Fixed Speed 6500.00

Suitable for VDRL and others agglutination tests, blood grouping tests and for mixing of solutions

in small flasks, beakers or bottles. Body made of sturdy mild steel sheet duly finished in stoving enamel/power coated paint. Tray type platform size 300x300 mm can take cavity slides, bottles flask etc; for shaking at a fixed speed by the help of spring wires. Standard fixed speed 180 RPM. An automatic 60 minutes timer can be provided against extra cost as optional by which shaking duration can be set. To work on 220VAC 50Hz single phase.

LABPRO -162A ROTARY SHAKER (VDRL ROTATOR) Variable Speed 6500.00

OPTIONAL: Automatic 0-60 minute timer 1100.00

LABPRO -163 SHAKING MACHINE (Wrist Action)

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

a) 4 flasks. 11000.00 b) 8 flasks. 11200.00

OPTIONAL: Automatic 0-60 minute timer 1100.00

LABPRO -164 VORTEX SHAKER/CYCLO MIXER (Test Tube Shaker) 4100.00

Useful for accelerated mixing of solutions in test tubes, small flasks or centrifugal tubes etc. The housing is 150x150 mm The speed is regulated by a speed control devices. Shorts eccentric stroke 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 220VAC 50 Hz single phase.

LABPRO -96 AUTOMATIC MICROTOME KNIFE SHARPENER (Arthur Thomas Type) 85000.00

The unit is fitted with assembly for perfect cutting edge of the knife of any size up to 300mm. Automatic reversing of the knife takes place at regular intervals for equal bevel angle on both sides of its edge, and the sharpening process is across the full diameter of the rotating plate. The plate is rotated at a constant speed by 1/4 H.P. motor. A lubricant reservoir with clamp needed for grinding and polishing is supported on the top. The ground glass plate is of size 500mm. (dia) x 12mm. (thick). A metal scale graduated from 0 to 25 degree division indicates the exact angle between plate & razor with dust cover and cord and plug. Operates on 220/230 VAC. Fitted with 0-60 minute timer.





#### **OPTIONAL:**

i) Micro Abrasive (set of two bottles of 200 gm each) 1200.00

ii) Spare glass plate. 6700.00

iii) Spare knife holder. 1400.00

LABPRO -96A AUTOMATIC MICROTOME KNIFE SHARPENER 72000.00

The unit is fitted with assembly for perfect cutting edge of the knife of any size up to 180mm. Automatic reversing of the knife takes place at regular intervals for equal bevel angle on both sides of its edge, and the sharpening process is across the full diameter of the rotating plate. The plate is rotated at a constant speed by 'A H.P. motor. A lubricant reservoir with clamp needed for grinding and polishing is supported on the top. The ground glass plate is of size 350mm. (dia) x 10mm. (thick). Exact angle between plate & razor with dust cover and cord and plug. Operates on 220/230 VAC. Fitted with 0-60 minute timer.

#### LABPRO -97 MICRO ABRASIVES

Most effective for efficient sharpening of microtome knives manually or on automatic knife sharpeners. These enhance the life of ground glass honing plates and assure perfectly sharpened knife edges: Coarse & Fine Set of two bottles, each of 200 gm 1200.00

#### LABPRO -98A ROTARY MIOROTOME RAZOR

Fabricated out of grain tool steel, heat treated and tested for micro structures, both slides wedges with back & handle in wooden box. Size:

- a) 120mm
- b) 160mm
- c) 180mm

#### LABPRO -98B BLOCK HOLDERS

Speciment Holder used for holding the wax block for taking sections on the

microtome

Size: 37mm dia, dia 20 mm dia (Price Each) 90.00

LABPRO -98C LEATHER STROP1980.00





Special quality leather 12x2" fitted on wooden plank for honing of razors

LABPRO -98D HONING STONE : Special quality stone in box 1980.00

LABPRO -98E HONING PLATE : Glass Plate mounted on wooden base 1500.00

LABPRO -98F DIAMOND POINT PENCIL For marking on slides 160.00

LABPRO-98G CLOURED WAX PENCIL: For marking & nations on slides 20.00

LABPRO -98H L-Mouilds Embedding Moulds): Made of brass alloy heavyy duty and polished

Size

a) 37x25x 15 mm pair 250.00

b) 50x25x 15 mm pair 280.00

c) 75x30x 19 mm pair 340.00

LABPRO -98I BACK FOR MICROTOME KNIFE

Size 120mm, 150mm, 180mm, 200mm 240.00

LABPRO -99 CADAVEROUS INJECTOR 39000.00

For injecting formaldehyde solution in cadaverous at much higher speed than normal gravity process. Unit is fully covered mounted on a portable trolley having four castor wheels for easy movement. Unit consists of one air compressor fitted with 1/2 hp motor which is connected with a stainless steel tank of 10 liters capacity meant for storing and injecting the solution. Tank is fitted with a safety valve, pressure gauge and rubber tubing having provision for injection. Supplied complete with electric cord, plug and works on 220 volts, single phase 50 Hz AC supply.

LABPRO -100 BONE & MEAT CUTTING MACHINE 148000.00

Useful for preparing specimen of big size in Anatomy and Meat Departments. Fitted with large moving table and extension table operated on four ball-bearing rollers. Used extensively in the meat packing, and wholesale fish industry, for handling sword fish and large halbutes etc.

Specifications (Approx. Size)

Size of cutting table 785 x 585 mm

Total Table Travel 1245 mm





Extension table 455 x 760 mm

Size of wheel 455 mm

Height 1700 mm

The table is made of thick S. S. sheet with special heavy axles for easy and firm movement. Supplied complete with one blade, starter, cord and plug, works on 220 V. single phase, 50Hz, AC Supply.

LABPRO -105 U.V. CHROMATOGRAPHY INSPECTION CABINET 7000.00

For viewing and detecting prepared substances on T.L.C. layers fitted with long wave (365 nm.) U.V. tube for use on 220 volts. AC.

LABPRO -106 ULTRAVIOLET FLUORESCENCE ANALYSIS CABINET 8000.00

For visualization of test objects under U.V. tubes having long wavelength (365 n.m) And short wavelength (254 n.m) as desired. A fluorescent tube is fitted to the unit for day light visualization. Supplied with three tubes to work on 220/230 voltsA.C.

LABPRO -107 SYRINGE NEEDLE DESTROYER(Electrical) 2600.00

Scientific research has discovered that used syringes and needles are very dangerous to human which can cause incurable disease like AIDS. Hepatitis and many more. Needle and syringe in a safe, Eco friendly, Cost effective manner. Needle & Syringe in a safe, Eco friendly, Cost effective manner, after switching ON, insert the used needle to small hole provided and with in seconds the needle will be destroyed. Insert the syringe on the top of the machine in the big hole provided with a cutting blade, Just pull the lever and syringe will be cut into two.

LABPRO -107A SYRINGE NEEDLE DESTROYER (Non-Electrical) 1700.00

LABPRO -111 OVERHEAD PROJECTOR

Streamlined body finished in various pastel colours. Projection head folding type, focusing by Rack-nPinion. Illumination - 600/ 650W-220V AC or 24V-250W halogen bulbs on step-down transformer with solid state control Light intensity and cooling system to projector overheating self lubricating type motor, the stage temperature is maintained at 45° C approx. Interlocked with switch for lamp protection against voltage surges. Writing surface 250x250mm or 285x285mm.

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 cloth venial cover. Packed in a card-board box with thermocole packing.





a) Single bulb low voltage 24V-250W Halogen. 6400.00

b) Double bulb low voltage system with 2 Halogen bulbs 24V -250W. 8000.00

c) Double bulb low voltage system with 2 Halogen bulbs 24V -250W 9000.00

through step-down transformer, writing surface 285x285 mm for A4 sheet.

**OPTIONAL:** 

2100.00 Laser Pointer (Imported)

LABPRO -111A VER HEAD PROJECTOR (Imported)

Dual Bulb with writing surface 285 x 285 mm 18000.00

#### LABPRO -112 OVER HEAD PROJECTOR PORTABLE (Folding type) Imported

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 out for safety. Writing surface 285 x 285mm. Supplied in molded luggage case.

#### LABPRO -113 PROJECTION SCREEN (With Metallic Stand)

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

### Projection Screen (With Metallic Stand) Screen Size

a)	Projection Screen (Tripod Model) Deluxe	180 x 230 cm	7200.00
c)	Projection Screen (Tripod Model) Deluxe	132 x 178 cm	4000.00
b)	Projection Screen (Tripod Model) Deluxe	150 x 150 cm	4000.00
	Multimedia Projection Screen (With Metallic St	and)	
d)	Projection Screen (High Gain) Tripod Model	180 x 230 cm	9000.00
e)	Projection Screen (High Gain) Tripod Model	132 x 178 cm	5000.00
f)	Projection Screen (High Gain) Tripod Model	150 x 150 cm	5000.00





### LABPRO -114 PROJECTION SCREEN (Wall Hanging)

	a)	ion Screen (Wall & Ceiling Model) Deluxe 180 x 230 cm	6500.00
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- b) Projection Screen (Wall & Ceiling Model) Deluxe 132 x 178 cm 3200.00
- c) Projection Screen (Wall & Ceiling Model) Deluxe 150 x 150 cm 3200.00
- d) Multimedia Projection Screen (Wall Hanging)
- e) Projection Screen (High Gain) 180 x 230 cm 9000.00
- f) Projection Screen (High Gain) 132 x 178 cm 4500.00
- g) Projection Screen (High Gain) 150 x 150 cm 4500.00

### LABPRO -114A PROJECTION SCREEN - ECONOMIC

	Screen size :	Wall Hanging	With Metallic Stand
a)	120x130 cm	1500.00	2100.00
b)	130x178 cm	2100.00	2800.00

#### LABPRO -120 HORZONTAL 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 unidirectional air flow is drawn from atmosphere and passed through pre and hepa filters on the work surface. Fabricated out of reinforced ply board which is clad in from out side in 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 equivalent 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 way gas tap for gas line has also been provided.

Working Chamber (feet)	(A)	(B)	(C)	(D)
	2'x2'x2'	3'x2'x2'	4'x2'x2	6'x2'x2'
Size of HEPA Filter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3.x2'x6"





No. of HEPAfilter	1	1	1	2
No of pre filter	1	1	1	2
Illumination	1x20 W	1x20 W	1x40W	2x20 W
U.V. Germical light	1x1½ft.	1x1½ft.	1 x3 ft.	2x3 ft

a) Whole cabinet made of wooden board laminated with sunmica.

41000.00 52000.00 76000.00 100000.00

b) Whole cabinet made of Cold Rolled steel duly powder coated

52000.00 62000.00 80000.00 122000.00

c) Whole cabinet made out of Stainless Steel sheet.

88000.00 100000.00 105000.00 168000.00

### LABPRO -121 HORIZONTAL LAMINAR AIR FLOW CABINET (Table Top Model)

These equipment are also horizontal laminar air flow cabinets. These are table top model and not flo mounted. These can be easily placed on exiting laboratory platform .However if required, tubular stai can be provided for these laminar flow cabinet & for its work table, if these equipment are to be used i floor mounting design. Supplied with Static Pressure manometer, U.V. Fluorescent light, Cock for gas air. Sizes same as above.

Working Area (Feet)	2.x2'x2	3'x2'x2'	4'x2'x2'	6'x2 x2'		
Size of HEPAfilter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3x2'x6"		
No. of HEPAfilter	1	1	1	2.		
(Supplied with main unit)						
No of pre filter	1	1	1	2		
Illumination	1x20 W	1x20W	2x20 W	2x40 W		
U.V. Germical light	1x11/2ft	1x11/2ft	1x3 ft	2x3 ft		

A) Whole cabinet made of wooden board laminated with sunmica.





42000.00 50000.00 68000.00 82000.00

B) Whole cabinet made of Cold Rolled steel duly powder coated.

60000.00 61000.00 71000.00 100000.00

C) Whole cabinet made out of Stainless Steel.

82000.00 100000.00 112000.00 184000.00

**OPTIONAL:** 

Tubular stand MS 4000.00 5000.00 6000.00 8000.00

Tubular stand S.S. 11000.00 12000.00 18000.00 25000.00

### LABPRO -122 VERTICAL LAMINAR AIR FLOW CABINET

Details same as above LABPRO-120 but 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 Area (Feet)	2.x2'x2	3'x2'x2'	4'x2'x2'	6'x2 x2'		
Size of HEPAfilter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3x2'x6"		
No. of HEPAfilter	1	1	1	2.		
(Supplied with main unit)						
No of pre filter	1	1	1	2		
Illumination	1x20 W	1x20W	2x20 W	2x40 W		
U.V. Germical light	1x1½ft	1x1½ft	1x3 ft	2x3 ft		

A) Whole cabinet made of wooden board laminated with sunmica

52000.00 62000.00 88000.00 110000.00





B) Whole cabinet made of Cold Rolled steel duly powder coated

69000.00 83000.00 102000.00 140000.00

C) Whole cabinet made out of Stainless Steel.

100000.00 111000.00 125000.00 2000000.00

LABPRO -123 BIOLOGICAL SAFETY CABINET (As per class II)

The cabinets 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, Exhau. system (suitable for 6 feet duct) and virus burn out Unit. Side panels are made out of thick transparent fie) glass duly framed. The unit is fitted with pre-filter and HEPA filter. Air is drawn through pre-filter and i made to pass through highly effective HEPA (High efficiency particular Air) filters having efficienc retaining all air borne particles of size 0.3 micron and larger. Using a dynamic balancing machine, MI blower and motor assembly is statically and dynamically balanced. Motor of 1/5 H.P. Capacity operate with minimum noise level. The working area is illuminated by flourescent lighting fitted to the unit. addition to the above features of a standard vertical Laminar Flow Bench, the Bio-safe cabinets hay( arrangements for re-circulating a part of the air thus creating highest level of clean air. The unit is als( convertible to the conventional vertical laminar flow bench with download air flow by fitting the sliding fron door upwards. Air is sucked through the pre-filter and the excess air is thrown out from the top through the HEPA filter of size 1'xl'x6". Supplied with glove ports and gauntlets, HEPA filter, pre-filter, U.V. light an fluorescent light.

Working Size(Feet)	3' x 2 x 2'	4' x 2' x 2'	6' x 2' x 2'
Size of HEPA Filter	3' x 2' x 6"	4' x 2' x 6"	3' x 2'x 6"
No. of HEPA Filter	1	2	2
Illumination	1 x 20W	1 x 30W	1 x 30W

A) Whole cabinet made of wooden board laminated with sunmica

9000.00 11000.00 16000.00

B) Whole cabinet made of Cold Rolled steel duly powder coated

100000.00 110000 00 19000.00

C) Whole cabinet made out of Stainless Steel.

155000.00 190000.00 23000.00

**OPTIONAL** 





Virus burn out unit 19000.00 21000.00 23000.00

Exhaust Ducting (per running feet) 500.00

Gas Burner 500.00

### LABPRO 124 GARMENT STORAGE CABIN

Self standing providing down flow air to clean room Garments. Recommended in clean room for storage of materials. Suitable for pharmaceuticals, Hospitals and O/T, Electronic industry etc. supplied complete with Hepa Filter & Pre Filter, Motor Blower etc. but With Static pressure manometer, U.V. Germicidal Light, Fluorescent light.

Working Area (Feet)	3'x2'x5'	4'x2'x5'
Size of Hepa Filter	3'x1½ x6"	4'x1½x6"
No of Hepa Filter	1	1
No of Pre Filter	1	1

A) Whole cabinet made of wooden board laminated with sunmica.

88000.00 102000.00

B) Whole cabinet made of Cold Rolled steel duly powder coated.

102000.00 133000.00

C) Whole cabinet made out of Stainless Steel. 155000.00 188000.00

OPTIONAL: Exhaust Ducting per running ft. 500.00

### LABPRO -125 MATERIAL STORAGE CABINET (Vertical Flow)

Self standing providing down flow air to clean room Garments. Recommended in clean room for storage of materials. 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.

Working Area(Feet) 3' x 2' x 5' 4' x 2' x 5'

Size of Hepa Filter 3'x1½ 'x6" 4' x 1½' x 6"

No of Hepa Filter 1 1





No of Pre Filter 1 1

No. of Shelves 3 3

a) Whole cabinet made of wooden board laminated with sunmica.

103000.00 120000.00

Whole cabinet made of Cold Rolled steel duly powder coated

122000.00 145000.00

C) Whole cabinet made out of Stainless Steel. 170000.00 215000.00

**OPTIONAL:** 

a) Extra Shelves POR

b) Exhaust Ducting per running ft. 500.00

### LABPRO -126 FUME HOOD

Fabricated out of thick wooden board. It is designed so as to throw-out all toxic/harmful vapors & fumes thus protecting costly instruments 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.

(A) (B) (C) (D)

Working chamber size: 90x60x60cm 20x60x60cm 120x75x75cm 50x75x75cm

A) Whole cabinet made of wooden board laminated with sunmica

50000 00 60000 00 80000.00 90000.00

B) Whole cabinet made of Cold Rolled steel duly powder coated

88000.00 100000.00 110000.00 130000.00

C) Whole cabinet made out of Stainless Steel.





130000.00 160000.00 190000.00 230000.00

OPTIONAL: High CFM exhaust System( for duct exceeding 10 feet in length )

14000.00 16000.00 15000.00 18000.00

iii) PVC Fume Duct (per ft.) 500.00

LABPRO -127 AIR CURTAINS

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

#### Door Width

٦١	000 mm	13000.00	h۱	1200 mm	13000.00
aı	900 mm	13000.00	D)	1200 mm	13000.00

c) 1500 mm 19000.00 d) 1800 mm 20000.00

#### LABPRO -128 INOCULATION CHAMBER

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 with tightly covered rectangular opening on one side for putting in the material. A clear fixed acrylic sheet window provided in front for observation. Complete with fluorescent lighting and germicidal ultra violet tube

### Chamber size

a) 100 x60 x90 cm 11000.00 b) 100 x 60 x 60 cm 10000.00

c) 70 x 50 x 40 cm 8200.00

Chamber size: Inoculation Chamber Economy

d) 100 x 60 x60 cm 8000.00 e) 70 x 50 x 40 cm 7100.00

LABPRO -129 TISSUE CULTURE RACK

Made out of tubular M.S. Pipes/tubular aluminum 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 (Optional). The panel box fitted with on/off switches. To work on 220/230 volts

50 cycles A.C. only.

No. of Racks Mild Steel Made Aluminium Make

a) Unit of Four racks with 16 tubes and 1 6 bulbs. 45000.00 78000.00

b) Unit of Five racks with 20 tubes and 20 bulbs. 55000.00 90000.00

c) Unit of Six racks with 24 tubes and 24 bulbs. 65000.00 100000.00

#### DPTIONAL:

a) Automatic 0-24 Hours timer to regulate cyclic illumination Conditions. 2300.00

b) U.V germicidal light 3 feet long. 2200 00

#### LABPRO -130 TISSUE CULTURE HOOD

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

Outside Size: 1200 x 600 x 600 mm. (ht. at back) 22000.00

OPTIONAL: Exhaust system. 5100.00

### LABPRO -131 SEED DRYER (Digital Temp Controller)

Standard sturdy double wall fabrication. Inner & outer chamber made out of thick mild steel sheet. Inner chamber made of Anodized Aluminium/S.S. and exterior finished in hammertoe. Heavy duty forced air blowers are provided to constantly circulate hot air to achieve uniform temperature in the whole chamber. Double wall door is mounted on heavy hinges and provided with heavy molded latch.

Temperature is controlled by Digital Temp controller-cum-indicator.. Temperature range ambient to  $120^{\circ}$  C  $\pm$   $1^{\circ}$  C to  $2^{\circ}$ C and equipment is workable on 220 VAC 50Hz single phase or 440 volts AC supply. Chamber size in mm approx.

Tray Inner

WxDxH Aluminium S.S.





a)	430 x 840 x 650	8 trays	57000.00	71000.00
b)	430 x 840 x 910	12 trays	70000.00	80000.00
c)	910 x840 x 910	24 trays	19000.00	120000.00
d)	960 x 1270 x1450	48 trays	200000.00	240000.00

#### **OPTIONAL:**

i) Timer 0-24 hours. 2300.00

ii) Aluminium/S.S.Tray size. 16" x 32" x 1 1/4" P.O.R.

### LABPRO -31A SEED TESTING DRYER CABINET TYPE (Digital Temp controller)

Double walled, Cabinets made of stainless steel, outer made of Mild steel enamel painted, properly insulated, Provided with metallic insulated door with best quality hinges, handle synthetic gasket, etc. Inner chamber is provided with draws, chamber is provided with heating elements made of kanthal wire with temperature Indicator with fan. Temperature from ambient to 100° C. Controlled by Digital Temp controller-cum-indicator.

Cabinet Size: 8"x 5"x5"

a) 6 Cabinets 19000.00 b) 12 Cabinets 21000.00

c) 16 Cabinets 30000.00 d) 20 Cabinets 33000.00

LABPRO -133 SEED STORAGE CABINET (With temp. and Humidity)

#### LABPRO -132 SEED STORAGE CABINET

Made out of thick P.C.R.C. sheet duly painted. Size of each tray is 12" x 12" x 4" (Height) and into 4 compartments with index card holder. Cabinet fitted with handle, lock and key.

Cabine	t Size approx.	Trays	Trays GI sheet	Trays S.S. sheet
a)	27"x 30"x 14"	10 trays	28000.00	41000.00
b)	49"x 30"x 14"	20 trays	51000.00	81000.00
c)	72"x 30"x 14"	30 trays	71000.00	111000.00

## LABPRO INTERNATIONAL

110000.00





It has double door at front, allowing wide range for storage of various seeds under controlled conditions of temperature and humidity. This double walled unit has outer chamber made of M.S. duly enamel painted and inner chamber is made of Stainless Steel. The chamber has glass windows which allow easy inspection of samples. Inner chamber is fitted with 4 Nos. fluorescent tubes and 0-24 hrs. timer to control cyclic illumination conditions. Humidity can be achieved and adjusted (variable) from 80% to 95%  $\pm$  3% RH. Temperature range 5°C ambient to 60°C which is controlled by Digital Temperature Indicator-cumcontroller. The unit works on 220 volts AC. (H) 1200 mm x (D) 420 mm x (W) 820 mm

LABPRO -133a SEED STORAGE CABINDET (With temp & Refrigeration) 140000.00

Standard specifications as per LABPRO -133 but Refrigerated seed storage cabinet with temp. from  $10^{\circ}$ C to  $40^{\circ}$ C. (H) 1200 mm x (D)420 mm x (W)

LABPRO -134 SEED GERM1NA(Single Chamber)

Temperature range 5°C to 50 °C. Temperature controlled by Digital temperature indicator cum controller in the variation of  $\pm$ 1° C. Chamber with 14 perforated trays. Chamber is provided with stainless steel water reservoir at bottom. Humidity from 90 to 95%  $\pm$ 3 % (not adjustable) Double-walled inside made of anodized Aluminium/Stainless steel and outside Mild steel painted in epoxy powder coating. To work on 220/230 volts 50 cyclesA.C. only.

Size: 555 (W)x 910 (H) x 605 (D) mm Capacity: 308 ltrs

- a) Chamber & trays made of Anodized Aluminium 95000.00
- b) Chamber & trays made of highly polished Stainless Steel 100000.00

#### **OPTIONAL:**

- i) Automatic 0-24 hour's timer to regulate cyclic illumination conditions. 2400.00
- ii) Automatic voltage stabilizer 3KVA(recommended). 8000.00
- iii) For Controlled Humidity20000.00

LABPRO -488 Seed Germ Inator Microprocessor Controlled 160000.00

### **Technicl Features:**

Temp. Controller: Microprocessor based 16 x 2 characters LCD display with backlit digital display of temperature & humidity.

Data record: Facility to Data record & storage capacity of 1000 readings.





Alarm: Audio visual alarm for temperature and humidity deviation.

Light levels: OFF, 25%, 50%, 75% & 100%

Program lock, lock facility after program.

Watchdog Timer: To check the program and control at all the time. And make sure that the program and control is working properly. Any surge in the electric supply may cause any control (Temperature, humidity and light) to latch at one position.

Temperature: 10C -50°C ±1°C.

Humidity: Natural humidity with water inside.

No. of Chamber: One (heating & cooling)

Inner chamber: Stainless Steel.

Capacity: 10 cft. (approx).

No. of Trays: 14 trays.

Compressor: Hermetically sealed type of standard make.

Operating Voltage: 220V, 50HzAc±10%.

LABPRO -135A SEED GERMINATOR (Dual Chamber)

Specifications as Model no. BPL-134 but double chamber. For cooling a sealed compressor unit has been provided below the chamber to work independently. Each chamber size: 555 x910 x605 mm

- a) Heating & cooling in both chambers & made of anodized Aluminium 160000.00
- b) heating & cooling in both chambers & made of S. Steet Sheet 190000.00

OPTIONAL: I)Automatic 0-24 hours timer to regulate cyclic illumination conditions 2300.00

ii) Automatic voltage stablizer 5KVA(Recommended) 9000.00

iii) For Adjustable controlled Humidity (Each chamber) 19000.00

LABPRO -136 PLANT GROWTH CHAMBER(Small)

Inside made of stainless steel. Outside mild steel sheet with finished in white stovin enamel /powder coated paint with mat finished clour cominations. fitted with colling, heating and lighting arrangments. Temperature range  $5^{\circ}$ C to  $50^{\circ}$ +/ $-1^{\circ}$ C.





Temperature is controlled by DUAL temperature electronic digit temperature controller -cum -indicator to set two temperature for day and night. Above Growth chamber is complete with Humdity control from 55% to 95%RH. Light intensity can be adjusted controller according to requirment and Humidity controller. Complete with 0+24 hrs Timer . to work on 220230olts 50cycles A.C. only.

	W H D	Capacity in cft C	Cap. Approx	S.S. Chamber
a	570 x875 x550 mm	10cu ft.	280 Ltrs.	200000.00
b)	775 x 900 x 775 mm	20 cu ft.	560 Itrs.	350000.00
c)	825x 1200 x 825 mm	30 cu ft.	840 ltrs.	500000.00
d)	900 x 1720 x 800 mm	45.8 cu.ft.	1282 ltrs.	600000.00
e)	1200 x 1200 X1200 mm	64.0 cu.ft.	1792 ltrs	800000.00

OPTIONAL: Automatic vAge:Stabilizer (reddmmended)

3KVA	5KVA	8KVA	10KVA
7000.0	9000.00	14000.00	21000.00
LABPRO -137	SEED BLOWER (Dac	ota Type)	48000.00

Seed blower makes the separation by accurately controlling the upward air flow through a transparen plastic column for purity testing, docking and cleaning of the grain/seed samples. Time can be controlled either by means of a timer or manually. The air flow can be precisely controlled to obtain even the mos difficult sensitive air separations. Column are built to trap light weight seed and chaff; only pure seec remains at the bottom of the column. It has a wire mesh bottom to prevent seed from falling into the fan. Al the controls are mounted on the top panel including the timer for easy access. It has three sizes of columns for covering the entire range of seeds/grains. Balanced suitable blower sizes of columns for covering the entire range of seeds/grains. Balanced suitable blower fitted on the table, fitted with caster wheels foi portability. To work on 220/230 volts 50 cycles A.C. only.

Size :48 x 56 x 86 cm. (approx.) w/o tubes

Small tube Set: Recom. for Brome, Red top, Blue Grass, Legumes, small cereal grains etc

Size: 7.6cm dia x 93 cm length (approx.) and 4.5 cm dia x 93cm Length (approx).

Large tube set: Recom. for large capacities and for grain, grasses, legumes, corn, soyabean.





#### LABPRO -138A BOERNER GRAIN DIVIDER

It is used to reduce the size of a grain / seed sample into two halves, each exactly representative of the original sample. The body and inner parts are made of copper and brass eliminating possibility of rust. The legs and supports are made of crome plated steel. The bottom section of the divider is removeable for cleaning and the pockets are visible from top. All units are designed for self emptying. Provides accurate splits of the grain samples with an accuracy of  $\pm$  5% on a 1 kg sample. SIZE: 38" (H) X 17"(W) X 43" (D)

a) No. of Pockets: 18 15000.00

b) No. of Pockets: 38 17500.00

LABPRO -138B PRECISION DIVIDER (Garnet Type) 24400.00

It is used for dividing and mixing gram samples and perform accurately on all grains, seeds, feeds etc. Division and mixing are carried out by centrifugal action of motor driven revolving neoprene disc positioned under hopper. The sample falls from hopper on to the revolving disc and is evenly split into two smaller samples. All wearing parts are made of brass and copper, body of high finish stainless steel, bade of castiron duly painted. Inside smooth finish laminated sticking of samples to inner surface, Hopper and cylinder top lift of together providing easy access to interior parts. It is operated on 220V, 50 c/s., single phase electric motor.

SIZE: 38X 31X 51.5 Ht cms. Approx. Hopper Capacity: 2000 gms.

### LABPRO -138C RIFFLE DIVIDER

Suitable for dividing or halving dry materials. Material poured into hopper is divided in two equal divisions and discharged alternatively in opposite directions into separate pans. It is supplied with steel pan, SCOOP and cleaning brush. Hopper and Chutes made of High Quality Steel duly painted to give best possible rust protection.

	Width of Chutes	Hopper Size	No. of	Pans
a)	2"	19.5" x 9.5"	4	9000.00
b)	0.5"	11"x6.75"	4	13500.00

LABPRO -139 Sample Sheller (Lab Model Paddy De-Husker) 80000.00

Sample Capacity : 1000 gms.

Power : 0.25 H.P. Single Phase

Dimensions : 715x 335 x 795 mm (LxBxH)





Features : Maintenance free, Lower power consumption, Simple

and trouble free mechanism.

LABPRO -140 RICE POLISHER (Lab Model) 52000.00

Sample Capacity : 200 gms Approx

Power : 0.50 H.P. Single Phase

Dimensions : 600x400x400mm (LXBXH)

Features : Easy Maintenance, High capacity with low power

consumption simple and trouble free mechanism,

Sieve attached for bran collection.

#### LABPRO -141 GRAIN/RICE SIZING DEVICE

Screen Area Weight Sample Size Grain Sizing

600 x 250 mm 55 kg 500 g 1.6, 3.2, 4.8 mm 42000.00

300x 125 mm 25 kg 100 g 1.6, 3.2, 4.8 mm 27000.00

LABPRO -142 ASPIRATOR (Lab Model)Bates Type 41000.00

Most Appropriate for Seed Testing in Laboratories For separation of light chaffy material from granular product Fast & accurate Separate detachable transparent collector Feed rate controller & Controlled air flow Triangularpan Large hopper capacity 2.2 kg Approx. for Wheat/Rice

Size -51x30x82.5 ems (Approx.)

Motor 300 W, 220V, 50 c/sAC/DC Single phase

LABPRO -144 SEEP ANALYSIS KIT

11000.00

Comprises of 1 No. Dispensing Balance, 1 No. Hand Magnifier (4" dia), 1 Set of Parkhi (9", 12" 14"), Scoop Set, 1 No. Enamelle Plate (12" Dia), 1 No. Plam husker, Measuring Cylinders (10 cc, 50 cc, 100 cc), 1 No. Brass Seed caliper, 1 No. Petri dish packed in compact brief case specially designed for Seed/Grain inspectors.

LABPRO -145 SEED GRADER (Lab Model)

47000.00





This is a very light and precise unit and is a very useful cleaner for Laboratory tests. Seed growers for cleaning small lots of Beans, Peas and other Seeds. It has power fan with adjustable air intake opening and two screen-one for scalping and the other for grading. Adjustable feed rate & blower speed. Work even without electricity.

Size : 76x38x58 ems.

Electric Power : 1/4 H.P. 220 220 V, single phase, 50 c/s

Each Screen Size : 39 x 25.4 cms.

Supplied with a set of 10 screens and two trays.

LABPRO -146 RICE MILL (McGill Type )

28000.00

It is used for testing rice samples for milling quality grading, colour and style at low cost. Just put double handful of rough rice and close with stainless steel pressure cover and weight lever assembly. Apply pressure for 30 to 40 seconds and milled sample is obtained. Sample weight is approx. 162 grams. Provided with a timer. Operates on 220v, 50 c/s, AC Supply

Size: 37 x 23 x 27 Ht. ems. Approx.

LABPRO -447 ILLUMINATEPPURITY WORK BOARD

5500.00

It is suitable for testing physical purity of Seed samples with maximum comfort and efficiency.

Suitable to be used to distinguish, discolored, damaged wand chalky grains/seeds. Light below therectangular 8" x 5" opal glass which makes a handy disphanoscope, using of this spot with chaffygrass eliminate all guess works on test. One convenient drawer is provided in the front for largerseed lots. Fitted with a magnifying glass covering the entire surface of opal glass.

Size: 50 x 28 x 10 Ht. ems. (Made of teak wood for longer life).

Drawer Capacity: 930 CC (approx.).

LABPRO -148 BAG SAMPLER 350.00

Available in set of thre of 9",12", 14" long samppler made mild steel chrome plated. Suitable for drawing sampoles of grain from bag.

LABPRO -149 MOISTURE METER/ANALYSER (Digital) 18800.00

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





Technical Data:

Range : 8% to 40')/0

Principle : Resistance Measurement

Accuracy :  $\pm 0.2\%$ 

Display : Three Seven Segment FND

Dimensions : 30 (L)x 17 (B)x 20 (H) cm approx.

Weight : 9.5 kg without accessories

Temp. : Compensation Automatic

Power : Six 9V dry Cells or 230 V, AC 50Hz through adopter.

Low battery indicator : Yes

LABPRO -150 MOISTURE MATER/ANALYSER (Digital) DIRECT READING 19800.00

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

#### Technical Data:

Range : 3.5% to 40%

Principle : Resistance Measurement

Accuracy :  $\pm 0.2\%$ 

Display : Three Seven Segment FND

Dimensions :  $30(L) \times 17(B) \times 26(H) \text{ cm approx.}$ 

Weight : 9.5 kg without accessories

Temp. : Compensation Automatic

Power : Six 9V dry Cells or 230 V. AC 50Hz through adopter.



Technical



Direct Reading Display for all commodities. RS-232 Port available for interfacing Printer or Personal Computer. Separate code for each commodity. No Arithmetic Required Room Temperature Display

LABPRO -151 UNIVERSAL DIGITAL MOISTURE METER/ANALYSER 29000.00

Detail same as VSA-150 but Universal Moisture Meter having following Parameters:- Technical Data:

Range : 3.5% to 40%

Principle : Resistance Measurement

Accuracy :  $\pm 0.2\%$ 

Display : Three Seven Segment LED Display

Dimensions : 45 (L)x 25 (B)x 33 (H) cm approx.

Weight : 22.5kg without accessories

Power : Six 9V dry Cells or 230 V, AC 50Hz through adopter.

LABPRO -152 ADVANCE DIGITAL MOISTURE METER/ANALYSER 21000.00

Detail same as LABPRO-151 but Universal Moisture Meter having following Parameters:-

Data

Display : 2x16 columns LCD Display

Dimensions : 34 (L)x 17 (B)x 19 (H) cm approx.

Weight: 10.5kg without accessories

Special Features:

- Menu driven operation.
- ii) Direct Reading Display along with room temp.
- iii) Backlit facility, Real Time Clock.
- iv) Date time setting available.
- v) Calibration check and Re-calibration trough Software.





### LABPRO -153 HANDY DIGITAL MOISTURE METER/ANALYSER 7000.00

Technical Data:

Range : 8% to 40%

Principle : Resistance Measurement

Display : Large Bright LCD Display

Accuracy :  $\pm 0.2\%$ 

Dimensions : 18 (L)x 10 (B) x 0.7 (H) cm approx.

Weight : Ikg (Approx.) without accessories

Temperature : Compensation Automatic

Power : Six 9V dry Cells Special Features:

I) Completely Portable ii) Low battery indication.

ii) Auto Off for Longer Battery Life iv) Membrane Key-Pad.

#### LABPRO -154 COMPUTERIZED SEED COUNTER130000.00

The Seed Counter is computerized one and specially designed for quick counting of Seeds. This machine is useful for grains and pulses laboratories where counting of Seeds is a routine requirement. It is microcontroller based highly advanced unit with alphanumeric display of the commodity name and its other details. The machine can be attached to personal computer for maintaining the records of the samples obtained. It can also be connected with a serial and/or a parallel printer. It counts seeds in a given weight or volume quickly and accurately. Electromagnetic vibratory action moves the seed upward along with the track. Seeds are arranged into a single line before they are discharged. As the seed speeds down the chute, it is detected by a solid state sensor.

#### Salient Features:

Micro Controller based.16 x 1 line alphanumeric LCD display. Membrane Keyboard. Easily detachable pan.Counts seeds of sizes from 1 mm to 15 mm.Counts maximum up to 999999 seeds in a lot. Counting speed can be regulated.Batch creating facility.Programmable batch. number of lots in a batch through membrane keypad. Programmable stop counts. Electromagnetic Vibratory Feeder. Upto electronic sensor (for detecting the seeds).RS 232 interface capabilities for attaching computer and printer. Parallel port for parallel printer. Power supply 220 V/50 Hz operated.





LABPRO -155 SEED COUNTER

60000.00

Display

Seed Size

No. of Seed in one Batch

7 Segment FND Display 0.5 to 15 mm.

9999

### LABPRO -156 INFRARED MOISTURE BALANCE

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.

a) 5gms. 10000.00

b) 10gms. 11500.00

c) 25gms. 13500.00

### LABPRO -157 FLOCCULATOR (JAR TESTAPPARATUS)

Fitted with D.C. MOTOR But to work on 220 Volts A.0 with Variable Speed from 20 R.P.M to 100 R.P.M approx.: Jar Test Apparatus allows efficient and economical flocculation matter and collides in general and also has been specially designed for use in water treatments to correctly estimate the dosing of alum and such other coagulants for treatment of water sewage and floc. formation test in Water Treatment plants. Heavy duty structural construction for rigidly and vibration-free base consists of flourocent tube mounted below translucent plastic plate to provide diffused cold light to floc. Samples:

The gear chain for multiple spindle Drive gives same speed for all the stainless steel stirring paddle approx. 1" x 3" are attached to the rod having 10" long approx.: with lighting knob at top permit adjustment of paddle height spacing of approx.: 6" in between rods permits use to 1000 ml glass Beaker which rest directly on bench.

STIRRERING CAPACITY Capacity 1 litre Capacity 2 litre

(a) FOR TWO STIRRERS 14500.00 17000.00

(b) FOR FOUR STIRRERS 19500.00 21000.00

(c) FOR SIX STIRRERS 21000.00 22000.00

OPTIONAL:

i) Digital timer. 3500.00

ii) Digital RPM Counter. 4200.00

LABPRO -88 Automatic Slide Staining Machine - 23 Station 150000.00





The most versatile machine capable of being used in different configuration, for Cytology, Histology & Hematology. Consist of two tiers. The upper tier having 11 Stations, plus a blank station, and the lower tier having 12 Stations. A simple operating system facilitates the machine to function in different configurations as below.

- i) Single unit with 23-staining station series grouping.
- ii) 2 Different units operating on two separate chronological cycles independently, simultaneously.
- iii) 2 Different units operating on single chronological cycle parallel grouping.

A switch - selectable shaking mechanism continuously shakes the slides for thorough staining. The standard unit supplied complete with 23 staining troughs (2 nos. with inlet and outlet for running water). Timing discs for chronological programming 5 each for 30 minutes and 60 minutes duration 2 Slide carriers. 1 notch cutting plier for programming the discs. Suitable to work on 220 V, single phase, 50 Hz, AC-supply.

#### **Spare Accessories**

I)	Timing Disc Calibrated for% hour	300.00
ii)	Timing Disc Calibrated for 1 hour	300.00
iii)	Slide carrier (for 16 slides)	1100.00
iii)	Staining Trough	1000.00
Iv)	Staining Trough with Inlet & Outlet	4300.00

### LABPRO - 89 Forceps Heater

Designed for heating forceps as well as for removal (melting) of residual paraffin. The melted paraffin run into opening location at the bottom of machine in tray fitted to it. These unit are designed to heat 3 or 6 forceps simultaneously the temperature is variable and controlled upto 70°C. Very easy to operate, after switching ON the desired temperature is achieved, insert forceps in the holes provided. Suitable to operate on 230 Volts 50 Hz.

a) For 3 forceps 3500.00 b) For 6 forceps. 4500.00

LABPRO -90 ROTARY MICROTOME (Erma type) 18000.00

Simple but versatile rotary microtome for uniform sectioning up to 25 microns in step of 1 micron each. The mechanical system encased in a removable cover. Complete with razor (120mm) with back & handle, object holder set of three, honing plate and oil can. Packed in a box.





LABPRO -91 ROTARY SENIOR microtome (A.O. Spencer 820 Types) 19000.00

Streamlined standard equipment incorporated with latest technology for cutting serial sections in research work. The precise feed mechanism cuts sections from 1-50 microns in steps of one micron. Feed Adjustments: 1-50 microns. Total feed excursion 28mm with opening of object clamps 37x27mm. Overall dimensions 16x10x9" Complete with razor-120mm with back & handle, honing stone, object holder set of three, oil can. Packed in a wooden box.

### LABPRO -92 PRECISION ROTARY MICROTOME (Lipshaw type) 28000.00

Most elegant and sturdy, latest in the range of Microtome. Complete with counter balancing wheel, automatic feed mechanism and feed release. Light aluminum cover hinged at back, protects the internal mechanism. Heavy casted base plate fitted with heavy rubber pads to provide better grip. Smooth operation for uniform serial sectioning adjustable from 1 to 50 microns in steps of 1 micron. Feed mechanism is independent of other movements. Supplied complete with one knife, having back and handle in wooden box, 6 block holders, honing plate with abrasive powder, one bottle of lubricating oil and Rexene cover

### LABPRO -95 MICROTOME RAZOR SHARPENER AUTOMATIC (Spencer type) 19000.00

Automatic microtome razor sharpener with electric timer coupled with simple operation for razor upto180mm on both the wedges. Working mechanism encased in aluminium cover and front portion covered with clear Acrylic canopy to observe safe and dust free honing. Complete with honing plate & dust cover.

i) Micro Coarse & Fine Abrasive (set of two bottles of 200 gm each) 1400.00

ii) Spare glass plate. 600.00

Iii) Spare knife holder 1500.00

Size of Carrier Strokes nor Minutes

LABPRO -165 RECIPROCATING SHAKING MACHINE (Kahn Rack Type)Designed for shaking KAHN racks, bottles, flasks of different size by adjusting compartments. Fittedwith heavy duty motor to work on 220V, AC 50 Hz single phase. The rate of motion is adjustablemechanically by belt tension. Speed is fixed in same models to approximately 275.

Motor

Pady Typa

	Size of Carrier	Strokes	per iviii	iutes	MOTOL	войу туре
a)	20"x13"x 4"	275	0.25 HF	open	56000.00	
b)	20'x1 3"x 4"	275	0.25 HF	covered	17000.00	
c)	20"x13"x 4"	150 to	250	0.25 HP	covered180	00.00
d)	31"x17"x 4"	150 to	250	0.25 HP	covered230	00.00





e) 36"x18"x 4" 150 to 250 0.50 HP covered 30000.00

OPTIONAL: Automatic 0-60 minute timer 1100.00

LABPRO -166 ROTARY SHAKER (Platform Type)

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Body made out of thick mild steel finished in stoving enamel/powder coated paint. Heavy duty motor of suitable capacities are provided for long duration operations. Fixed speed and variable speed models are offered. Platform is provided with rubber discs or stainless steel clamps to hold flasks. To work on 220VAC 50 Hz single phase. The choices available are:

Platfor	m size	Holdin	g cap.	Motor HP			
a)	45x 45	cm	25 flasl	ks of 100m1	0.25	21000.00	
b)	45x 45	cm	36 flasl	ks of 50 ml	0.25	22000.00	
c)	45 x 45	cm	16 flasl	ks of 250 ml	0.25	21000.00	
d)	55x 55	cm	25 flasl	ks of 250 ml	0.25	23000.00	
e)	65 x 65	cm	36 flasl	ks of 250 ml	0.25	30000.00	
f)	100x 1	00 cm	81 flasl	ks of 250 ml	1.00	68000.00	
g)	100x 1	00 cm	81 flasl	ks of 500 ml	1.00	68000.00	
OPTIONAL: i) Automatic 0-60 minute timer				1200.00			
	ii)	Digital	Timer			3800.00	
	iii)	Digital	RPM me	eter		4200.00	
LABPRO	LABPRO -167 SIEVE SHAKER (TableTop) For 8" DIA SIEVE						23500.00

Fitted with a FHP motor, it can accommodate six sieves of 6" to 8" dia. Speed can be regulated through a continuously variable speed regulator fitted to the unit. To work on 220/230 volts A.C. OPTIONAL : Automatic 0-60 minute timer.

1200.00

LABPRO -168 SIEVE SHAKER (Rotap Model) 33500.00

Designed to carry upto 7 sieves of 8" dia it is driven by 1,4 HP electric motor, through reduction gear. The whole gear mechanism which gives circular end to end motion runs in oil bath. The tapping motion is given by hammer from top. To work on 220/230 volts single phase A.C. supplied complete with adaptor for 8" sieves but without test sieve.





OPTIONAL ACCESSORIES: a) Automatic 0-60 minute timer. 1200.00

LABPRO -169 SIEVE SHAKER (Gyratory Model)

23000.00

Designed to carry upto 7 sieves of 8" dia it is driven by 1/4 HP electric motor, through reduction gear, The seives table does not rotate but is inclined from the vertical axis the direction. In addition to the Gyratory motion of the table, there is an upward and downward movement ensuring that each square inch of the sieve is utilised. The whole gear mechanism runs is an oil bath. To work on 220/230 volts single phase A.0 supplied complete with adaptor for 8" sieves but without test sieves.

OPTIONAL :I) Adaptor for 12" Sieves 5500.00

ii) Automatic 0-60 minute timer. 1100.00

LABPRO -170 WET SIEVE .SHAKER.:(Yoder Type)

With PERFECT/MOTOR

a) For 1 Set (Supplied without Sieves) 26500.00

b) For 2 sets (Supplied without Sieves) 15000.00

c) For 4 sets (Supplied without Sieves) 38000.00

**OPTIONAL ACCESSORIES** 

I) Automatic 0-60 minute timer 1100.00

LABPRO -175 LAB WILLEY GRINDER(Arthur H. Thomas)

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 220 Volts AC.

Chamber Size Motor Cap. Chamber Made Chamber Made

of Mild Steel of Stainless Steel

a) 40x25 mm 0.25 H.P. 12000.00 16000.00





b) 65x25 mm 0.25 H.P. 16000.00 20000.00

c) 100x50 mm 0.50 H.P. 21000.00 35000.00

d) 200x75 mm 1.00 H.P. (Heavy Duty) 55000.00 75000.00

LABPRO -176 BALL MILL (Laboratory Type)

Electrically operated having a capacity from a few grams, To 1 kg. or 2 kg or 5kg. Fitted with a F.H.P. motor for cap. up to 2 kg. Jar and with 1/4 H.P. Heavy-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 220 volts AC. mains.

	Capacity	Motor Cap.	Aluminium Jar	S.Steel Jar
a)	1 kg Jar	F.H.P	10000.00	11800.00
b)	2 Kg Jar	F.H.P.	11000.00	12000.00
c)	5 Kg Jar		21000.00	30000.00

OPTIONAL: Automatic 0-60 minute timer 1100.00

LABPRO -177 ANAEROBIC CULTURE JAR S. STEEL (B.T.L.TYPE) 13800.00

Modified Macintosh and Fildes pattern has all metal construction consisting of a S.S. Jar with a top flangs recessed for a toroidal rubber sealing ring and a cover held in place by strong bridge clamp. The cover is fitted with two needle valves for evacuation and a sachet containing a catalyst. A side arm on the jar is provided for connecting to Semisolid Lucas Indicator. (The unit is supplied without Semi-Solid Lucas incidator). Supplied complete with pressure-cum-vacuum gauge.

#### **OPTIONALACCESSORIES**

i)	Spare Catalyst in sachet	2100.00

ii) Rubber sealing ring 110.00

Ili) Gas pack 340.00

#### LABPRO -181 VACUUM PUMP

Vacuum pumps are V Belt driven at 400 rpm and fitted with electric motor mounted on a cast iron base plate. Material of construction is specially chosen (graded cast iron) and all the parts are precisely machined. Micron finished and assembled to close tolerance for high efficiency. Pumps are supplied either single stage or double stage. Single stage pump creates





maximum vacuum of 0.01 mm Hg. Column and double stage creates 0.001 Hg. Suitable to work 220 V single Phase, 50HzAC supply.

Following is the range of vacuum pumps (Single/Double stage)

Capacity Motor Single Stage	Double Stage
a) 32 lt/mm 0.25 HP 16000.00	18000.00
b) 50 lt/mm 0.25 HP 18000.00	20000.00
c) 75 lt/mm 0.25 HP 20000.00	22000.00
d) 100 lt/mm 0.50 HP 28000.00	31000.00

#### **OPTIONAL:**

i) Vacuum Gauge with regulator. 2100.00

ii) Moisture Trap, with non return valve and vacuum gauge with regulator combined. 5500.00

iii) Vacuum gauge with regulator and non-return valve combined. 3500.00

#### LABPRO -182 MEDICO/CLINICAL CENTRIFUGE

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

a) 4 x 15 ml tubes. 2200.00 b) 6 x 15 ml tubes. 2800.00

c) 8 x 15 ml tubes. 3100.00

OPTIONAL: Automatic 0-60 minute timer. 1100.00

LABPRO -183 CENTRIFUG ANGLE ROTOR HEAD (Doctor Pattern)

Maximum speed 4500 RPM with speed regulator and plug & cord.

a) 4 x 15ml. 2900.00 b) 6 x 15 ml. 3300.00

c) 8 x 15 ml tubes 3000.00

VSA-184 CENRIFUGE ANGLE ROTOR HEAD (Pathological)





Maximum speed 4500 RPM with speed regulator and plug & cord.

a) 24 x 1.5ml.Ependroft Tubes 7100.00 b) 24x 5 ml. RIA Tubes 9000.00

LABPRO -185 CENTRIFUGE RECTANGULAR (Research)

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

a) 6x15mltubes 10000.00 b) 8x15mltubes. 10000.00

c) 12x15 ml tubes. 10400.00 d) 4x50 ml tubes. 11100.00

OPTIONAL: I) Automatic Timer (Manual) 1100.00

ii) Automatic timer (Digital) 3100.00

iii) Speed meter (Digital) 4200.00

LABPRO -190 ABBE REFRACTOMETER 10000.00

Latest model designed for quick and convenient measurement of refractive index and also dispersion of liquids and solids. In additional a sugar scale in provided facilitating measurement of percentage of sugar in solution. Useful for measuring refractive index in the range of 1.3 to 1.7 with an accuracy of 0.01 direct on scale and 0.0001 by estimation. Sugar percentage of 0-95% with an accuracy of 1% on scale and 0.01 by estimation can be measured. Packed in a wooden cabinet.

#### LABPRO -191 BUTYRO REFRACTOMETER

9200.00

This instrument can be used for measuring on oils, fats and waxes giving a reading directly in terms of the oil scale, otherwise known as BUTYRO Scale. The micrometer eye piece allows an accuracy on their scale of 0.1. the soil scale may also be conversion tables. This allows as measuring on materials with index of refraction in the range 1.42 to 1.49 to an accuracy of 0.0002. Dual scale: Sugar Percentage Scale & Butyro Scale. divided at 1% interval. Easy Temperature Control. No Coloration of the filed view. Micrometer allows accuracy of 0.01% on the oil (Butyro) scale.

### LABPRO -1.92 HAND REERAC (Erma Japan.)

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% 3800.00 b) Range 0-50% 4000.00

c) Range 28-62% 4000.00 d) Range 58-92% 4800.00





#### LABPRO -193 STUDENT POLARIMETER

Designed on Laurent's half shade principle for accurate results. Equipped with polarizing Unit analyzer precisely graduated scale capable of rotation and divided in single degrees Vernier reading to 1/10 Supplied complete with 200mm polarimeter tube, hand magnifier for easy reading of vernier Packed in cabinet.

a) Student POLARIMETER (Laurent Half Shade ) 4500.00

b) Student POLARIMETER (Bi-quartz) 6600.00

c) Student POLARIMETER (Tr-quartz) 7800.00

d) SODIUM LAMP with stand & transformer for use with above Polarimeters. 3200.00

LABPRO -194 POI.ARIMETER (Research 220mm) 24000.00

Latest polarimeter equipped with imported optical components and to accept observation tube up to 220mm length Sensitive and accurate glass scale is divided to read angular degrees and also carries sugar scale in ISS units. The angular scale from 0-360 degrees is sub-divided to 1 degrees to enable direct reading to 0.5 degrees and by estimation 0.2 degrees. The sugar scale from 30 degrees to 120 degrees ISS units enable direct reading to .1 and by estimation,05 sugar degrees. Complete with polarimeter tube 200mnn in a wooden cabinet.

LABPRO -195 POLARIMETER (Research 400mm) With sodium lamp & transformer. 31000.00

Latest design to accept tubes up to 400 mm Complete with 100 mm 200 mm, 400 mm polarimeter tube.

### LABPRO -196 POLARIMETER TUBE (Side Filling)

Made out of borosilicate glass with screw cap and bubble trap

a) Length 100 mm 400.00

b) Length 200 mm 450.00

c) Length 400 mm 500.00

### LABPRO -197 POLARIMETER TUBE (Centre Filling)

Made out of borosilicate glass.

a) Length 200 mm 500.00

b) Length 100 mm 700.00





c) Length 400 mm 780.00

SLIDE STORAGE BOXES & CABINETS SIZE /CAPACITY

LABPRO - 201 Slide Box Supreme 50 240.00

LABPRO - 201A Slide Box Supreme 100 400.00

LABPRO -202 Slide Cabinet Super Deluxe Wooden Grooves 500 3300.00

LABPRO -202A Slide Cabinet Super Deluxe Wooden Grooves 1000 4500.00

LABPRO -202B Slide Cabinet Super Deluxe Wooden Grooves 2000 8000.00

LABPRO -202C Slide Cabinet Super Deluxe Wooden Grooves 5000 20000.00

LABPRO -202D Slide Cabinet Super Deluxe Wooden Grooves 10000 42000.00

LABPRO -205 Slide Cabinet Deluxe Aluminium Grooves 500 2200.00

LABPRO -205A Slide Cabinet Deluxe Aluminium Grooves 1000 3300.00

LABPRO -205B Slide Cabinet Deluxe Aluminium Grooves 2000 6800.00

LABPRO -205C Slide Cabinet Deluxe Aluminium Grooves 5000 13800.00

LABPRO -205D Slide Cabinet Deluxe Aluminium Grooves 10000 30000.00

LABPRO -208B Trolley for slide cabinets for 500 & 1000 slides 1900.00

LABPRO -209 Slide Tray, Aluminium 20 200.00

LABPRO -210 Slide Tray, Wooden 20 240.00

HERBARIUM/PLANT PATHOLOGY EQUIPMENT

LABPRO -211 Herbarium Press for laboratory use 45 x 30 cm 1500.00

LABPRO -211A Herbarium Press for Field use 45 x 30cm 1500.00

LABPRO -212 Herbarium Cabinet 6 drawers 6200.00

LABPRO -212A Herbarium Cabinet 12 drawers 10000.00





LABPRO -212B Herbarium Cabinet 24 drawers 17600.00

LABPRO -214 Botanical Vasculum 45 x 15x 25 cm 2000.00

LABPRO -214A Botanical Vasculum 60 x 20 x 30 cm 2500.00

LABPRO -215 Chromatography cabinet for p filter papers 57x 68 cm 8400.00

LABPRO -215A Chromatography cabinet for 4 filter papers 46 x 57 cm 7000.00

LABPRO -216 Riker Specimen showcase 45x 30 x5 cm 1100.00

INSECT STORAGE/ENTOMOLOGICAL EQUIPMENT SIZE/ CAPACITY

LABPRO -217 Insect Storage Box 53 x 45 x 9 cm 1400.00

LABPRO -217A Insect Storage Box 45 x 30x 7.5 cm 980.00

LABPRO -217B Insect Storage Box 38 x 25 x 7.5cm 850.00

LABPRO -217C Insect Storage Box 30 x 23 x 7.5cm 680.00

LABPRO -218 Insect Display & Storage showcase 53 x 45 x 9 cm 1340.00

LABPRO -218A Insect Display & Storage showcase 45x 30 x 6.5 cm 1080.00

LABPRO -218B Insect Display & Storage showcase 38 x 25x 6.5 cm 850.00

LABPRO -218C Insect Display & Storage showcase 30 x 23 x 6.5 cm660.00

LABPRO -219 Insect Display showcase 90x 60 x 11cm 3200.00

LABPRO -220 Insect showcase cabinet (small) 6 showcases 9400.00

LABPRO -220A Insect showcase cabinet (small) 12 showcases 18400.00

LABPRO -220B Insect showcase cabinet (small) 24 showcases 36600.00

LABPRO -221 Insect showcase cabinet (large) 12 Drawers 21000.00

LABPRO -221A Insect showcase cabinet (large) 24 Drawers 40000.00

LABPRO -222 Insect Box with stretching Strips 43x 30 x 11cm 1980.00





LABPRO -223	Insect Stretchin	ng board (Adjusta	able)	340.00
LABPRO -224	Insect Collectin	g Net with Alum	inium Handle	360.00
LABPRO -224A	Insect Collectin	g Net with Iron I	Handle	340.00
LABPRO -224B	Insect Collectin	g Net with Woo	den Handle	300.00
LABPRO -224C	Spare net bags	for insect collect	ting Nets	180.00
LABPRO -225A	Plankton Net			300 00
LABPRO -225B	Aquatic Net			600.00
LABPRO -226	Insect Light Tra	p with Electric B	ulb	3150.00
LABPRO -226A	Insect Light Tra	p with Electric B	ulb & Battery	10000.00
LABPRO -226B	Insect Light Tra	p with florescen	t Tube	5500.00
LABPRO -226C	Insect Light Tra	p with U.V. Tube	2	8000.00
LABPRO -226D	Insect Light Tra	p with U.V. Tube	e & Battery	11200,00
LABPRO -226E	Insect Light Tra	p for Hurricane I	Lamp	3000.00
LABPRO -226F	Light Trap for N	Noth with Mercu	ry Bulb	2900.00
LABPRO -226G	Trap forfruit file	es		1320.00
LABPRO -227A	Insect Cage	15x 15 x 15 cm		800.00
LABPRO -227B	Insect Cage	20x 15 x 15 cm		900.00
LABPRO -227C	Insect Cage	25 x 20 x20 cm		1100.00
LABPRO -227D	Insect Cage	30 x 30 x45 cm		2100.00
LABPRO -227E	Insect Cage Fol	ding type	20 x 20 x 20 cm	1600.00
LABPRO -227F	Insert Split Cag	e with Black tass	er, Round Shape	5000.00
LABPRO -228	Breeding cage f	or Files 45 x 45	x 45 cm	3150.00





LABPRO -229	Brown Plant Hopper Insect Rearing Cag	e45 x45 x45 cm	2900.00
LABPRO -230	Green Leaf Hopper Insect Rearing Cage	45 x 45 x 45 cm	3900.00
LABPRO -231	Rat & Mosquito cage	45 x 30 x 30 cm	2200.00
LABPRO -232A	Animal cage	30x 23 x 30 cm	1800.00
LABPRO -232B	Animal cage	45 x45 x 38 cm	3100.00
LABPRO -232C	Animal cage with slanting front door	30 x 23 x 30 cm	1800.00
LABPRO -232D	Mating Cage	45 x 30 x30cm	3150.00
LABPRO -233	Field collection Bag (with accessories)		1600.00
LABPRO -234	Entomological Pins(Imported) Pkt. Of	100 approx	450.00
LABPRO -235	Cabinet for boxes of specimen tubes	6 boxes	8000.00
LABPRO -235A	Cabinet for boxes of specimen tubes	12 boxes	11800.00
LABPRO -236	Insect specimens Tube box 20		600.00
LABPRO -236A	Insect specimens Tube Cabinet 500		7000.00
LABPRO -238	Corcyra Cage MDF 43 x 23 x 12 cm		550.00
LABPRO -239	Corcyra Cage (Waterproof plywood)	38 x 38 x 10 cm	1000.00
LABPRO -240	Breeding Nest for Chrysopa 60 x 30	x 30 cm	2100.00
LABPRO -241A	Corcyra Egg Laying Cage 32 x 25 x 18 cm		2100.00
LABPRO -241B	Corcyra Egg Sterilization Chamber	150 cards	42000.00
LABPRO -241C	Corcyra Egg Sterilization Chamber	50 cards	30000.00
LABPRO -241D	Corcyra Egg Sterilization Chamber	25 cards	20000.00
LABPRO -241E	Corcyra Egg Cleaning Device with vacuu	ım cleaner	25000.00
LABPRO -241F	Corcyra Rearing System 20000.	00	





LABPRO -242	Observation Beehive	3000.0	0		
LABPRO -243	Apparatus for culturing	the Biological co	ontrol ag	gent in SITU	3000.00
LABPRO -244	Field kit for the multipli	cation of insect	Larval Pa	arasitoid	8000.00
LABPRO -245	Reference Card cabinet	for 13x8 cm car	ds	6 drawers	4000.00
LABPRO -245A	Reference Card cabinet	for 13x8 cm car	ds	12 drawers	9000.00
LABPRO -245B	Reference Card cabinet	for 13x8 cm car	ds	18 drawers	12000.00
LABPRO -245C	Reference Card cabinet	for 13x8 cm car	ds	24 drawers	13000.00
LABPRO -245D	Reference Card cabinet	for 15x10 cm ca	ards	6 drawers	4500.00
LABPRO -245E	Reference Card cabinet	for 15x10 cm ca	ards	12 drawers	9000.00
LABPRO -245G	Reference Card cabinet	for 18x11 cm ca	ards	6 drawers	5000.00
LABPRO -245G	Reference Card cabinet	for 18x11 cm ca	ards	12 drawers	9000.00
LABPRO -246	Tracers 68x45x11.5/2.5	icm 3000.0	0		
LABPRO -247	Acrylic Table desk	58 x 40 cm	3000.00	0	
LABPRO -248	Reprint Box 38 x 25	x 6 cm 360.00			
LABPRO -249	Literature Cabinet	24 boxes	11000.0	00	
VSA-249A	Literature Cabinet	30 boxes	13000.0	00	
LABPRO -249B	Literature Cabinet	36 boxes	16800.0	00	
LABPRO -250	Chart cabinet for 100x7	'5 cm hand mad	e charts	100 charts	10600.00
LABPRO -250A	Chart cabinet for Bio-Vi	sual charts		100 charts	9800.00
LABPRO -250B	Charts Cabinet for 70x5	0 cm. Hand mad	de charts	on shelve	9000.00
GENERAL PURP	OSE EQUIPMENT	SIZE/CAPACITY			

LABPRO -251 Perpex cover for Binocular Microscope 29x24x43 cm 2200.00





LABPRO -251A	Perpex cover for Trinoc	cular Microscope	30x25x45 cm	2100.00
LABPRO -252	Perpex cover for Instru	ments 45x30x	30 cm 3100.0	0
LABPRO -252A	Perpex cover for Instru	ments 38x38x	45 cm 4100.0	0
LABPRO -252B	Perpex cover for Instru	ments 45x45x	45 cm 6000.0	0
LABPRO -253	Staining Rack for 60m1	dropping bottles	6 bottles	360.00
LABPRO -253A	Staining Rack for 60m1	dropping bottle	s12 bottles	600.00
LABPRO -253B	Staining Rack for 125m	1 dropping bottl	es 6 bottle	es 500.00
LABPRO -254	Museum Specimen Dis	play Showcase	60x40x6 cm	1200.00
LABPRO -255	Drawing Board with sta	ınd (Adjustable)	81x61 cm	4500.00
LABPRO -256	Drawing Board with sta	ınd ( Fixed)	81x61 cm	3600.00
LABPRO -257	Perforated Board	30x20 cm	400.00	
LABPRO -257A	Perforated Board	60x45 cm	1600.00	
LABPRO -257B	Perforated Board	90x60 cm	2400.00	
LABPRO -257C	Perforated Board	120x60 cm	3100.00	
LABPRO -257D	Perforated Board	120x90 cm	4300.00	
LABPRO -257E	Perforated Board	120x120 cm	5200.00	
LABPRO -257F	Perforated Board	150x90 cm	5800.00	
LABPRO -257G	Perforated Board	150x120 cm	7800.00	
LABPRO -257H	Perforated Board	180x90 cm	7900.00	
LABPRO -2571	Perforated Board	180x120 cm	8800.00	
LABPRO-8PL-25	Exhibits Panel f	or Outdoor Use	120x90 cm	3800.00

LABPRO -258A Exhibits Panel for Outdoor Use 150x90 cm

### LABPRO INTERNATIONAL

4800.00

<u>labprointernational@gmail.com</u>, <u>labpro@india.com</u> mob. 9034101997 address: 48 kunj vihar behind b.d. floor mill ambala cantt -133001 haryana

LABPRO -258B Exhibits Panel for Outdoor Use 180x90 cm





5500.00

LABPRO -258C	Multiple Exhibits Panel for outd	oor Use	60x90cr	mx3	7600.0	00
LABPRO -258D	Multiple Exhibits Panel for outd	oor Use	60x90cr	mx4	8000.0	00
LABPRO -258E	Multiple Exhibits Panel for outd	oor Use	90x120	cmx3	9500.0	00
LABPRO -259	Exhibits Panel for Indoor Use	60x45 cı	m	700.00		
LABPRO -259A	Exhibits Panel for Indoor Use	90x60 cı	m	1220.00	)	
LABPRO -259B	Exhibits Panel for Indoor Use	120x60	cm	1600.00	)	
LABPRO -259C	Exhibits Panel for Indoor Use	120x90	cm	2400.00	)	
LABPRO -259D	Exhibits Panel for Indoor Use	150x90	cm	3240.00	)	
LABPRO -259E	Exhibits Panel for Indoor Use	150x120	) cm	3500.00	)	
LABPRO -259F	Exhibits Panel for Indoor Use	180x90	cm	3700.00	)	
LABPRO -259G	Exhibits Panel for Indoor Use	180x120	) cm	4040.00	)	
LABPRO -260	Exhibits Panel with Acrylic/Glass	s cover	60x45 c	m	1680.0	00
LABPRO -260A	Exhibits Panel with Acrylic/Glass	s cover	90x60 c	m	2400.0	00
LABPRO -260B	Exhibits Panel with Acrylic/Glass	s cover	120x60	cm	3000.0	00
LABPRO -260C	Exhibits Panel with Acrylic/Glass	s cover	120x90	cm	4500.0	00
LABPRO -260D	Exhibits Panel with Acryfic/Glas	s cover	120x120	0 cm	6050.0	00
LABPRO -260E	Exhibits Panel with Acrylic/Glass	s cover	150x90	cm	7500.0	00
LABPRO -260F	Exhibits Panel with Acrylic/Glass	s cover	150x120	0 crn	8400.0	00
LABPRO -260G	Exhibits Panel with Acrylic/Glass	s cover	180x90	cm	6800.0	00
LABPRO -260H	Exhibits Panel with Acrylic/Glass	s cover	180x120	0 cm	8500.0	00
LABPRO -261A	Exhibits Panel for Indoor Use (C	ork Surfa	ice)	60x45 c	m	800.00





LABPRO -261B	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	90x60 c	m	1280.00
LABPRO -261C	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	120x60	cm	1680.00
LABPRO -261D	Exhibits Panerfo	or Indoor Use (Co	ork Surfa	ace)	120x90	cm	2500.00
LABPRO -261E	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	150x90	cm	3040.00
LABPRO -261F	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	150x120	) cm	3740.00
LABPRO -261G	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	180x90	cm	3800.00
LABPRO -261H	Exhibits Panel fo	or Indoor Use (C	ork Surf	ace)	180x120	) cm	4500.00
LABPRO -262	White Board	60x45 cm	1000.00	)			
LABPRO -262 A	White Board	90x60 cm	1640.00	)			
LABPRO -262 B	White Board	120x60 cm	2240.00	)			
LABPRO -262 C	White Board	120x90 cm	3040.00	)			
LABPRO -262 D	White Board	120x120 cm	3240.00	ס			
LABPRO -262 E	White Board	150x90 cm	3140.00	ס			
LABPRO -262 F	White Board	150x120 cm	4240.00	ס			
LABPRO -262 G	White Board	180x90 cm	4140.00	ס			
LABPRO -262 H	White Board	180x120 cm	5040.00	ס			
LABPRO -262 I	White Board	240x120 cm	5440.00	ס			
LABPRO -263	Magnetic Board	l (White Resin Sເ	urface)	60x45 c	m	1340.0	00
LABPRO -263 A	Magnetic Board	l (White Resin Sເ	ırface)	90x60 c	m	2140.0	00
LABPRO -263 B	Magnetic Board	l (White Resin Sເ	urface)	120x60	cm	3140.0	00
LABPRO -263 C	Magnetic Board	l (White Resin Sເ	urface)	120x90	cm	4040.0	00
LABPRO -263 D	Magnetic Board	l (White Resin Su	urface)	120x120	cm cm	4240.0	00





LABPRO -263 F	Magnetic Board (White	Resin Surface)	150x12	0 cm	5040.	00	
LABPRO -263 H	Magnetic Board (White	Resin Surface)	180x12	0 cm	6040.	00	
LABPRO -263 I	Magnetic Board (White	Resin Surface)	240x12	0 cm	9440.	00	
LABPRO -264	Ceramic magnetic Whit	e Board 120x60	cm	4180.00	0		
LABPRO -264A	Ceramic magnetic Whit	e Board 120x90	cm	3980.00	0		
LABPRO -264B	Ceramic magnetic Whit	e Board 120x12	.0 cm	6880.00	0		
LABPRO -264C	Ceramic magnetic Whit	e Board 150x12	.0 cm	7880.00	0		
LABPRO -264D	Ceramic magnetic Whit	e Board 180x12	.0 cm	8480.00	0		
LABPRO -264E	Ceramic magnetic Whit	e Board 240x12	.0 cm	1480.00	0		
LABPRO -265	Combination Board (Ha	If White & Half	Green)	120x90	cm	3880.00	
LABPRO -265A	Combination Board (Ha	If White & Half	Green)	150x12	0 cm	3880.00	
LABPRO -265B	Combination Board (Ha	If White & Half	Green)	180x12	0 cm	4580.00	
LABPRO -265C	Combination Board (Ha	If White & Half	Green)	240x12	0 cm	6680.00	
LABPRO -266	Exhibit Panel-cum- Whi	te Board for Out	tdoor us	e	120x9	00 cm	5580.00
LABPRO -266A	Exhibit Panel-cum- Whi	te Board for Out	tdoor us	e	150x9	00 cm	7780.00
LABPRO -266B	Exhibit Panel-cum- Whi	te Board for Out	tdoor us	e	180x9	00 cm	9480.00
LABPRO -267	Green Chalk Board	60x45 cm	940.00				
LABPRO -267A	Green Chalk Board	90x60 cm	1540.0	0			
LABPRO -267B	Green Chalk Board	120x60 cm	2040.0	0			
LABPRO -267 C	Green Chalk Board	120x90 cm	2840.0	0			
LABPRO -267 D	Green Chalk Board	120x120 cm	3240.0	0			
LABPRO -267 E	Green Chalk Board	150x120 cm	3840.0	0			

# LABPRO INTERNATIONAL

<u>labprointernational@gmail.com</u>, <u>labpro@india.com</u> mob. 9034101997 address: 48 kunj vihar behind b.d. floor mill ambala cantt -133001 haryana





LABPRO -267 F Green Chalk Board 180x120 cm 4840.00

LABPRO -267 G Green Chalk Board 240x120 cm 5540.00

LABPRO -268 Ceramic Green Chalk Board 120x60 cm 4880.00

LABPRO -268A Ceramic Green Chalk Board 120x90 cm 4880.00

LABPRO -268B Ceramic Green Chalk Board 120x120 cm 7880.00

LABPRO -268C Ceramic Green Chalk Board 150x120 cm 8880.00

LABPRO -268D Ceramic Green Chalk Board 180x120 cm 9880.00

LABPRO -268E Ceramic Green Chalk Board 240x120 cm 13280.00

LABPRO -269 Dual Purpose (Half exhibit-half white) display panel 90x60 cm 1400.00

LABPRO -269A Dual Purpose (Half exhibit-half white) display panel 120x60 cm 2300.00

LABPRO -269 B Dual Purpose (Half exhibit-half white) display panel 120x90 cm 2800.00

LABPRO -269 C Dual Purpose (Half exhibit-half white) display panel 120x120 cm 3500.00

LABPRO -269 D Dual Purpose (Half exhibit-half white) display panel 150x90 cM 3500.00

LABPRO -269 E Dual Purpose (Half exhibit-half white) display panel 150x120 cm 3800.00

LABPRO -269 F Dual Purpose (Half exhibit-half white) display panel 180x90 cm 3800.00

LABPRO -269 G Dual Purpose (Half exhibit-half white) display panel 180x120 cm 4500.00

LABPRO -269 H Flexible stand for white/Magnetic/Green surface Board 2500.00

LABPRO -270 Words 1" Pkt. Of 100 400.00

LABPRO -270A Words 3/4" Pkt. Of 100 380.00

LABPRO -271 Dustor Magnetic 200.00

LABPRO -271A Dustor Non-Magnetic 100.00

PROJECTORS & ACCESSORIES SIZE /CAPACITY





LABPRO -272A Film-Strip-cum-slides projector (Halogen)

2"x2" slides 3500.00

LABPRO -273A Automatic slide projector with cordiless Remote

22000.00

LABPRO -300... PULPHER MACHINE

This machine is designed for extracting the pulp of most fruits and vegetable such as mangoes, guavas, peaches, tomatoes, bananas etc. Mounted on a heavy duty mild steel stand the central pulping unit of the machine consists of a pair of brushes fixed on a stainless steel shaft an done stainless steel sieve. The gap between sieve and the brushes can be adjusted to suit different types, sizes and qualities of the product to be pulped. The sieve is available in perforations of different sizes and is easily removable for quick inter changing and cleaning. Allcontact part spare of S.S.-304 grade stainless steel.

	Capacity	Motor Unit Price	Spare Sieve
a)	80Kg/Hr	1/2 H.P 42000.00	6000.00
b)	200Kg/Hr.	1H.P. 51000.00	8800.00
c)	500Kg/Hr.	2 H.P 99000.00	12000.00

LABPRO -301 FRUIT CRUSHER (CRUSHING MACHINE)

48000.00

This machine is suitable for crushing stoneless fruits and vegetables. This machine is mounted on a heavy duty mild steel stand equipped with motor and Starter .The material is fed into the stainless steel hopper which feeds the product into the crushing drum, which consists of stationery blade sand rotary beater which crushes the loaded product.

a) With 1.0 HP, Motor (Cap. 300 Kg/Hr.)

LABPRO -302 JUICE PRESS (TO EXTRACT JUICE FROM CRUSHED FRUITS)

a) Hand Screw Basket Press 28000.00

- b) Hydraulic Juice Presses. It is a hand operated unit with a hydraulic pump of Capacity 5ton. The units mounted on very heavy base and pillars along with hand screw arrangement. Supplier with TEAK WOOD circular plank held together with stainless steel strips. A thick M.S. base tray lined with stainless steel is provided with the unit. It is the most suitable press for extracting juice from apples, pineapples, carrots, ginger, grapes etc. CAP 5 TON. 32000.00
- c) -do- but with 10 ton pressure unit. 43000.00

VSA-303 ROSING MACHINE For juicing lemon and tight skin oranges with S.S. Contact parts

a) Hand Worked Table Model. 9500.00





b) Two Head Motorized Model with'/z H.P. Motor. 38000.00

#### LABPRO -304 CAN REFORMING UNIT

This is a simple machine which rounds flattened can bodies prior to flanging. The flattened can is mounted on to the rubber roller and on depressing the pedal, it press es the can against the rotating steel roller there by giving it a round shape

a) Hand Operated Model 50000.00

b) Electrical Motorized Model with 1.0 H.P Motor 60000.00

### **OPTIONAL ACCESSORIES**

I) Spare Rubber Rollers 301 dia 401 dia 603 dia 700 dia

5000 00 5000.00 7700.00 7600.00

LABPRO -305 CAN FLANGING MACHINE 62000.00

Heavy Duty Model, this is a simple hand operated machine for simultaneous flanging of both side of a round can. A toggle motion balanced handle ver enables the machine to be operated with minimum exertion. Supplier with one die for 401mm dia cans

a) Spare flanging die 301 dia or 401 dia 11500 00

b) Spare flanging die 603 dia or 700 dia 19500 00

V LABPRO -306 LID EMBOSSING MACHINE 36500.00

This machine is designed to emboss standard ends with the required reference letters or figures. The machine is operated by a food treadle which, when depressed, embosses the lid by virtue of marks dies, without Peiching it. Supplied with one set of double row die holder, but without alphabets and numerical.

a) Cost of alphabets (A to Z) and Numericals (0 to 9) 17600 00

### LABPRO -307 FLANGE RECTIFIER UNIT

This is very useful and simple machine for the rectification of deshaped flanges of cans. The deshape flanged can is placed on the die and by simple application of the handle, the flange is rectified.

Dia 202 dia 301 dia 401 dia 603 dia 700 dia

9000.00 10000.00 12000.00 14500.00 16000.00





### LABPRO -308 STEAM JACKETED KETTLE

This equipment is used for batch heating and cooking of various food products. Mounted on a heavy duty mild steel with tilting arrangement. Jacket and pan are both made of high quality s.s.- 304 grade stainless steel of heavy gauge. The pan is 2/3 jacketted for maximum steam utilization and efficiency.

a) Capacity 25 gallons (110 lts) 110000.00

b) Capacity 50 gallons 225 lts.) 150000 00

LABPRO -309 BOTTLE FILLING MACHINE

This machine is suitable for accurate filling of liquids like syrups, ketchup, solutions etc. in bottles. Machine consists of Two/Four filling heads with vacuum pump and ½ H.P Motor. All contact parts are S.S.-304 grade Stainless Steel.

a) Two Head Model (Approx. 20/25 bottles min) 100000.00

b) Four Head Model (Approx. 40/45 bottles min) 118000 00

LABPRO -310 P.P. CAP SEALING MACHINE

Suitable for all sizes of bottles for treading and sealing operations. Supplied with one die.

a) Hand VVorked Table Model 27000.00

b) Heavy Duty Hand Worked Pedestal Model 57000.00

c) Heavy Duty Motorized Unit (With 1/4 H.P Motor) 2700000.00

VSA-311 LUG CAP SEALING MACHINE 75000.00

This is a semi-automatic sealer with easy foot switch and lever operation. It works entirely on compressed air which ensures gentle pressure application and easy lever movement Air Filter and regulator provides recommended pressure for leak proof tight seal.

### LABPRO -312 FRUIT AND VEGETABLE SLICER.

a) Hand Operated Unit 13000.00

b) Motorized Unit with ½ H.P. Motor 40000.00

LABPRO -313 COIL TYPE JUICING MACHINE





For oranges and soft fruits with Aluminium juicing head and s. steel sieve

a) With ¼ H.P. Motor 31000.00

b) With ½ H.P. Motor 42000.00

c) With 1 H.P.3 Phase Motor 72000.00

c) With 1 H.P 3 Phase motor

LABPRO -314 MEAT MINCER

Capacity Motor M.S. Contact Parts S.S. Contact Parts

65Kg/Hr 1.0 H.P. 32000.00 69000.00

LABPRO -315 SAUSAGE FILLTER (FOR 8 Kg BATCH)

(a) Contact Parts of M.S. 23000.00

(b) Contact Parts of S.S. 31000.00

LABPRO -316 POTATO PEELER

(a) Cap. 5 Kg with 0.5 H. P. Motor 30000.00

(b) Cap. 10 Kg with 1.0 H.P Motor 42000.00

LABPRO -317 POTATO SLICING MACHINE

(a) Hand Operated with arrangement to adjust thickness of slices. 4500.00

(b) Heavy duty Motorized with 1.0 H.P. Motor. 46000.00

LABPRO -318 CROWN CORKING MACHINE:

(a) Hand Worked Heavy Duty Table Model. 9000.00

(b) Foot Operated Pedestal Model 30000 00

**SPECTROMHOTOMETER** 





#### LABPRO -E01 MICROPROCESSOR UV-VIS SPECTROPHOTOMETER

(Double Beam) 550000.00

Range 190-1100 nm with fully automatic operation, automatic 8 cell changer, automatic wave length calibration and wave length scan, automatic peak picking and spectrum display. Large screen with graphic display. Spactrum and data can be printed out by printer via RS 232 set of 4 qurtz and 16 glass cuvettes. Software included (Imported)

LABPRO -E02 MICROPROCESSOR UV-VIS:SPECTROPHOTOMETER

(Single Beam) 230000.00

With range 195-1000nm with facility for auto concentration, %Transmission, Absorbance & K factor measurements. It has sample holder with 4-position selector control for 10mm path length cuvettes. Facility has been provided for interface for any printer & RS 232. A set of 2 quartz and 4 glass cuvettes is provided. Software included (Imported).

LABPRO -E03 DIGITAL UV-V1S SPECTROPHOTOMETER (Visible) 90000.00

Range 320 to 1000nm with facility for automatic concentration, °A Transmission & Absorbance measurements. Wavelength with 1 nm resolution & 4 digit LED display for results. Cuvette holder 4 position for 10 mm optical path length is provided. Facility has been provided for printing RS 232. Software included (Imported).

LABPRO -E04 DIGITAL SPECTROPHOTOMETER - Range 340-960 nm 40000.00

Range 340-960nm with facility for Automatic Concentration, °A Transmission and O.D. measurement 3½ digit LED display for wavelength with 5 nm resolution with round test tubes.

LABPRO -E05 DIGITAL SPECTROPHOTOMETER- Range 340-960 nm 48200.00

Range 340-960nm with facility for Automatic Concentration, % Transmission and 0.D. measurement 3 digit LED display for wavelength with 1 nm resolution with round test tubes.

LABPRO -E06 DIGITAL SPECTROPHOTOMETER- Range 340-960 nm 48200.00

Range 340-960 nm with facility for Automatic Concentration, ')/0 Transmission and Absorbance measurement. Separate 3 digit LED display for wavelength with Inm wavelength resolution.3 "A digit LED display for results. Provision for 10mm to 50mm path length glass cuvettes.

LABPRO -E07 DIGITAL SPECTROPHOTOMETER- Range 340-960 nm 47000.00





Range 340-960nm with facility for automatic concentration % Transmission & Absorbance measurement. 3½ digit LED display. Squre sample holder, a set of 2 glass cuvettes having 10 mm optical path length is provided. Separate 3 digit LED display for wavelength in 1nm resolution.

#### OPTIONAL:

vi)

i)	Cuvettes Glass 10mm path length (Set of 2)	1500.00
ii)	Cuvettes Quartz 10mm path length (Set of 2)	5600.00
iii)	Polystrene cuvettes IOmm path length (Set of 1	10)350.00
iv)	Cuvettes Glass 50mm path length (Set of 2)	5600.00
v)	Tungstan Halogen 6V, low	720.00

### FLAME PHOTOMETER

Round glass test tubes 10mm path length (Set of 10)

#### LABPRO -E08 MICROPROCESSORME PHOTOMETER 100000.00

with sodium (Na) & potassium (K) filters. Direct read out in ppm & meq/l, Auto filter selection, 16x2 lines LCD display single aspiration and dual reading display. It is supplied with compressor and other accessories for lab & medical use.

700.00

LABPRO -E09 DIGITAL CLINICAL FLAME PHOTOOMETER 50000.00

Dual channel, single aspiration, with filters (Na & K) for medical use. Final results in meq/I Dual 3 digit LED display single aspiration for simultaneous results along with compressor and other accessories.

LABPRO -E10 DIGITAL FLAME PHOTOMETER 42000.00

with filters (Na & K) 2½ digit LED display (ppm) along with compressor and other accessories.

### **OPTIONAL:**

- i) Interference Filters (Na,K,Li, or Ca) each. 6000.00
- ii) Air compressor unit with regulator and pressure gauge 12000.00





- iii) Capillary tubes (set of 3) 650.00
- iv) Connecting Tubes Set 180.00

#### **DIGITAL PH METERS**

#### LABPRO -E12 MICROPROCESSOR BASED PH/MV/TEMPERATURE METER 23000.00

with 16x2 alphanumeric LCD display showing pH, mV, Temp, having auto temperature compensation, Date & Time, auto buffer recognition along with accessories. Date storage facility up to 1000 samples. Complete with pH electrode, temperature probe, electrode stand, dust cover & instruction manual.

LABPRO -E13 MICROPROCESSOR. BASED PH/MV/TEMPERATURE METER 11000.00

with 16x2 alphanumeric LCD display having auto temperature compensation, auto buffer recognition along with accessories

LABPRO -E14 MICROPROCESSOR BASED PH/MV/TEMPERATURE METER 9000.00

with 16x2 alphanumeric LCD display Portable having auto temperature compensation, auto buffer ecognition along with accessories

LABPRO -E15 DIGITAL pH METER, (Portable) 7000.00

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

LABPRO -E16 DIGITAL p'ErMETER (Table Model) 8000.00

3½ digit LED display with manual temperature compensation and combination pH electrode.

LABPRO -E17 DIGITAL pH METER (Table Model) 9800.00

3½ digit LED display with manual temperature compensation and combination pH electrode & RTD probe.

LABPRO -E18 DIGITAL pH, CONDUCTIVITY & TEMPERATURE METER (Table Model) 12800.00

for measurement of pH, Conductivity and temperature 3½digit LED display with pH combination electrode, Conductivity cell and temperature probe.

LABPRO -E19 DIGITAL CONDUCTIVITY & TDS METER (Table Model) 10800.00

3½ digit LED display with Cond./TDS cell.





#### **OPTIONAL:**

- i) pH combination electrode 1750.00
- ii) Gel filled epoxy body combination electrode 2800.00
- iii) General purpose ORP electrode 3600.00
- iv) Electrode stand
- v) Standard solution 4.00,7.00 & 9.20 pH (100m1) Each 280.00

#### **DIGITAL POTENTIOMETER**

LABPRO -E20 DIGITAL POTENTIOMETER (Table Model) 10800.00

with 3½ digit LED display along with glass, silver, platinum and reference electrodes. Mains operated

LABPRO -E21 DIGITAL POTENTIOMETER (Table Model) 9800.00

with 3½ digit LED display along with glass, silver, platinum and reference electrodes. Mains operated

LABPRO -E22 DIGITAL POTENTIOMETER (Table Model) 7000.00

with 3½ digit LED display along with glass and reference electrodes. Mains operated.

### OPTIONAL:

- i) Reference electrode 1000.00
- ii) Glass electrode 1000.00
- iii) Silver electrode 1500.00
- iv) Platinm electrode 1700.00

PHOTO COLORIMETER/HEAMOGLOBIN METERS





LABPRO -E23 AUTO COLORIMETER 9600.00

8 filters with 16x2 line LCD display for % transmission & Optical Density Display. Soft touch Zero facility.

LABPRO -E24 AUTO COLORIMETER ANALYZER 19400.00

8 filters with 16x2 line LCD display for % transmission, Optical Density & Concentration. Soft

touch type. Memory of 3 standards to avoid frequent use of standards. 1m1 solution measurement.

LABPRO -E25 DIGITAL PHOTO COLORIMETER 8 FILTER 10800.00

8 filters Mains & Battery operated with optical density and 2½ %age transm. sample size 1 ml.

LABPRO -E26 DIGITAL PHOTO COLORIMETER 8 FILTER 9800.00

8 filters Mains operated with optical density and 2½ %age transmission. sample size 1 ml.

LABPRO -E27 DIGITAL BALANCE CELL COLORIMETER 8800.00

3 digit LED display Blue, Green & Red Filters on a disc covering 400 to 700nm range.

LABPRO -E28 MICROPROCESSOR HAEMOGLOBIN METER 9800.00

16x2 lines LCD display for direct HB result soft touch keys, auto calibration. Direct reading of Hb units, Standard memory facility. Iml sample measurement.

LABPRO -E29 MICROPROCESSOR HAEMOGLOBIN METER 9800.00

3 digit LED display with soft touch keys, auto calibration. Direct reading of HB unit, 1 ml sample Standard memory facility.

LABPRO -E30 MICROPROCESSOR HAEMOGLOBIN CUM GLUCO METER 11800.00

3 digit LED display with soft touch keys, auto calibration. Direct reading of HB and GLUCO unit, lml sample Standard measurement.

LABPRO --E31 DIGITAL GLUCOSE METER 9800.00

16x2 lines LCD display for direct HB result. Standard memory facility.

**OPTIONAL:** 





I) Standard glass filter (Each colour) 380.00

ii) Test tube for colorimeter (set of 5) 180.00

iii) Photocell/Photo diode 2200.00

iv) Spare lamp 125.00

#### WATER / SOIL TESTING INSTRUMENTS

Digital Battery cum Mains Operated fitted in VIP portable briefcase

### LABPRO - E32 MICROPROCESSOR WATER & SOIL ANALYSIS KIT (7 parameters). 56000.00

For measurement of pH, Conductivity, mV, TDS, Salinity DO Temperature.16x2 alphanumeric LCD display, battery cum mains operated with all accessories, fitted in a VIP portable briefcase. Data storage facility up to 700 samples & external printer attachment facility available.(Without ORP Electrode)

LABPRO -E33 WATER & SOIL ANALYSIS KIT (7 parameters) 33000.00

3½ digit LC D display covering 7parameters : pH, conductivity, TDS, Salinity. Turbidity, Dissolved

oxygen & Temperature, Complete with accessories. (Without ORP Electrode)

LABPRO -E34 WATER & SOIL ANALYSIS KIT (6 parameters) 34000.00

3½ digit LCD display covering 6 parameters : pH, conductivity, TDS, Dissolved oxygen Turbidity, & Temperature. Complete with accessories.

LABPRO -E35 WATER & SOIL ANALYSIS KIT (6 parameters) 29000.00

3½ digit LCD display covering 6 parameters : pH, ORP, Conductivity, TDS, Dissolved oxygen & Temperature, Complete with accessories.(VVithout ORP Electrode)

LABPRO -E36 WATER & SOIL ANALYSIS KIT (5 parameters) 23200.00

3½ digit LCD display covering 5 parameters : pH, ORP, Conductivity, TDS & Temperature. Complete with accessories (Without ORP Electrode)





LABPRO -E37 WATER AND SOIL ANALYSIS KIT(4 parameters) 19400.00

3½ digit LCD display covering parameters : pH, ORP, Conductivity, Temperature. Complete with accessories .(Without ORP Electrode)

#### OPTIONAL:

- I) ORP Electrode 3600.00
- ii) Temperature Probe 1250.00

#### CONDUCTIVITY METERS

LABPRO -E38 MICROPROCESSOR BASED CONDUCTIVITY/ TDS/TEMP. METER 27000.00

alphanumeric 16x2 LCD display having auto temperature compensation, Digit cell constant

adjustment. conductivity cell & temperature probe data can be printed out by printer via R5232 port.

LABPRO -E39 MICROPROCESSOR BASED CONDUCTIVITY/ TEMP. METER 15000.00

alphanumeric 16x2 LCD display having auto temperature compensation, Digit cell constant adjustment, conductivity cell & temperature probe.

LABPRO -E40 MICROPROCESSOR BASED CONDUCTIVITY/ TEMP. METER (Portable) 9800.00

alphanumeric 16x2 LCD display having auto temperature compensation, Digit cell constant adjustment, conductivity cell & temperature probe

LABPRO -E41 DIGITAL CONDUCTIVITY METER 9400.00

3 1/2 digit LED display with auto temperature compensation facility and digit cell constant

adjustment, conductivity cell & temperature probe.

LABPRO -E42 DIGITAL CONDUCTIVITY & TEMPERATURE METER. 8800.00

31/2 digit LED display in 5 Ranges along with Conductivity Cell, Digit cell constant display adjustment, facility for temperature compensation.





LABPRO -E43 DIGITAL CONDUCTIVITY METER (Portable) 7000.00

ABS plastic cabinet with touch switches 3 1/2 digit LCD display along with Conductivity Cell Battery operated.

#### TDS / SALNITY METERS

LABPRO -E44 DIGITAL TDS METER 8800.00

3½ digit LED display with facility for temperature compensation and digital cell constant adjustment along with TDS cell (Table Model)

LABPRO -E45 DIGITAL TDS METER (Portable) 7000.00

3½digit LCD display in ABS plastic cabinet with touch switches. Battery operated.

LABPRO -E46 DIGITAL SALINITY METER

3½ digit LED display with cell constant adjustment along with salinity cell and other accessories (Table model)

#### OPTIONAL:

a)	Conductivity Cell (Cell constant 1.0)	1750.00
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b) Conductivity Cell (Cell constant 0.5) 3000.00

c) Conductivity Cell (Cell constant 0.1) 4800.00

d) Conductivity Cell stand 400.00

e) Temperature Probe 1200.00

Note: Conductivity, TDS and salinity meters are supplied with conductivity cell having cell constant of 1.0 approximately.

### **TITRIMETERS**

LABPRO -E47 AUTO KARL FISCHER TITRIMETER 22000.00

Having separate control and stirring units with array of 10 LED's buzzer, auto zero burette, adjustable timer ,dual platinum electrode and other accessories.

#### OPTIONAL:

i) Dual Platinum Electrode1720.00





ii) Burette Clear Glass (10m1) 2100.00

iii) Titration Vessel 1000.00

iv) Reservoir Bottle (500m1) 1000.00

v) Teflon Capsule 320.00

vi) Rubber bellow 320.00

#### PYROGEN TESTING INSTRUMENTS

LABPRO -E48 DIGITAL TELE THERMOMETER 6 channels with probes. 8800.00

OPTIONAL: Veterinary Probe for rabbit/rats each. 1200.00

**TUBIDITY / NEPHELOMETERS** 

LABPRO -E49 MICROPROCESSOR TURBIDITY METER 22000.00

With 16x2 alphanumeric LCD display having Two Range up to 1000 JTU with memory of storage of 2 standard solution.

LABPRO -E50 DIGITAL TURBIDITY METER

3½ digit LED displays. Range up to 1000 JTU. 12800.00

LABPRO -E51 DIGITALTURBIDITY METER

3½ digit LED displays. Range up to 200 NTU/JTU.13800.00

LABPRO -E52 DIGITAL NEPHELOMETER

3½ digit LED display. Range up to 200 NTU 13800.00

#### OPTIONAL:

- a) Test tube set of 650.00
- b) Spare lamp 6.8V, 0.3Amp 675.00
- c) Photo Diode 2400.00

**DISSOLVED OXYGEN METER** 





LABPRO -E53 DISSOLVED OXYGEN METER (Table Model) 14000.00

Cum Temperature Indicator along with speed regulated stirrer. Gold/silver DO probe and RTD

temperature sensor (Table Model)

LABPRO.-E54 DIGITAL DISSOLVED OXYGEN METER

3½ LED display along with Gold/Silver DO Probe (Table Model). 13500.00

LABPRO -E55 DIGITAL DISSOLVED OXYGEN METER (Portable) 9400.00

3 I/2 digit LCD display in ABS plastic body, touch switches along with Gold/Silver DO probe.

#### OPTIONAL:

a) Dissolved oxygen Probe (Gold & Silver) 3200.00

b) A set of 10 DO Membranes 560.00

### **COLONY COUNTER**

LABPRO-E56 DIGITAL COLONY COUNTER 6800.00

4 digital LED display, Range 0-9999. with magnify glass & Pen. OPTIONAL:

a) Spare pen for colony counter 680.00

b) Magnified lens with stand 880.00