



Over two decade of existence. Thousands of delivered products. Satisfied customers from over 48 countries, including the UK, US and African nations. And trust that can never be quantified!

Our clients have always seen us in uptime mode, the only thing that has remained unchanged since our inception. It is this mode that helps us ensure we reduce downtime to the bare minimum when it comes to time-critical laboratory instruments and scientific equipment. For over a decade it has been our constant end eavour to research, improve and upgrade all components that go into the making of each of our products. By adhering to international standards, being consistent with prescribed quality norms and sustained investment in state-of-the-art manufacturing technologies Labtop has always aimed to minimize downtime to the least. We will uphold this trust reposed on us and strive to deliver the best.

QUALITY LAB EQUIPMENT



LABTOP DELIVERS

Established in the year 1996 as Skylab Instruments & Engineering Pvt. Ltd, its brand Labtop gradually scaled up to become one of the formidable names in high quality laboratory instruments and scientific equipment. Positively influenced by the reach and reputation of the brand, Skylab gradually transitioned to be called Labtop Instruments Pvt. Ltd.

Positioned to be recognized as one of India's leading manufacturers, exporters and marketers of high quality laboratory instruments and scientific equipment, Labtop delivers. A result of years of technological research and innovation, Labtop products are reputed among leading blood banks, hospitals, research centres, pharmaceutical companies and educational institutions.





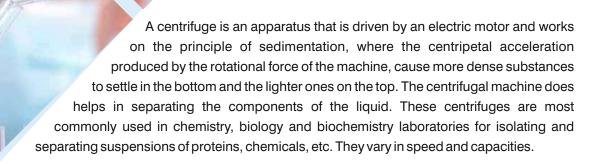
Labtop has to reach labs and blood banks in each and every corner of the world, by delivering standard quality and advanced technology instruments with prompt customer satisfaction.





MISSION

- **▶** INNOVATION
- **QUALITY**
- ➤ PROMPT SERVICE
- ➤ ON TIME DELIVERY



CABINET CONSTRUCTION

The cabinet of Labtop Centrifuges are insulated with high density CFC free Poly Urethane Foam. Interior of chamber is dull finish stainless Steel (304 SS, 3.0 mm thick). The exterior is white powder coated (3.0 mm thick) mild steel.

REFRIGERATION SYSTEM

The cooling is effected by CFC free refrigeration system with a condensing unit located inside the chamber. Labtop condensing units are characterised by high-efficiency heat transfer and low power consumption.



SALIENT FEATURES

- CFC free refrigeration with time delay to safe guard the compressor
- Inner grooved copper tubes and slit aluminium fins for superior heat transfer
- Filter drier for moisture and dirt protection
- Safety and control devices for better system protection
- Thermally protected and permanently lubricated fan motors
- Frost free refrigeration system

SAFETY FEATURES

Electronic Safety door interlock ensures that the rotor does not run with door open while the cover cannot be opened unless rotor comes to complete stop.

- Miniature circuit breaker to protect electronic components in case of abnormal power supply
- Overload cut off relay for compressor
- 180 seconds time delay for compressor switch on
- Audio visual alarm with error messages for abnormal conditions
- Imbalance cut off with alarms and error messages
- Door opening and closing with the help of pneumatic hinges
- Facility to open the door manually in case of power failure
- Motorised double door lock for better safety

MICRO CONTROL BASED CONTROLLER

Temperature and speed range adjustable with micro controller based controller includes display of set value and process value, alarm system with adjustable high /low alarm limits includes audible and visual alarm.

- Display of set value and process value
- 1-99 Minutes timer
- Lid opening and closing with the help of pneumatic hinges
- Precise control of temperature and speed by using in Micro control
- High quality PT-100 sensor for better accuracy
- Color Display with touch screen
- Imbalance cut off with error messages
- Self diagnostic system with error messages
- Automatic rotor identification

PROGRAMMABLE LOGIC CONTROLLER (PLC) SYSTEM

A **programmable logic controller** (PLC) is a digital computer used for automation of controlling electromechanical processes, such as **control** of Temperature, Speed, Door open / Close, Time and other event management with less maintenance hence no moving parts.

- PLC with 4.3" touch screen and colour Display
- Password protected Human Machine Interface (HMI)
- Data storage to record set values, process values, date & time with variable time intervals
- Display of set values and process values
- High speed Ethernet connectivity
- Temperature and Speed is controlled by PLC
- 1-99 Minutes timer
- Precise control of temperature by using in PID control (auto tuning type)
- Self diagnostic system with error messages
- Data logging capacity up to 1000 readings
- High quality PT-100 sensor for better accuracy
- Programmable alarms with event management
- Display of online and off line log reports





LABTOP DATALINX SOFTWARE

Title 21 CFR Part 11 is the part of Title 21 of the code of Federal Regulations that establishes the United States Food and Drug Administration (FDA) regulations on electronic records and electronic signatures (ERES). Part 11, as it is commonly called, defines the criteria under which electronic records and electronic signatures are considered trustworthy, reliable, and equivalent to paper records.

- 21CFR-PART 11 compliance.
- Multiple centrifuge data acquisition on single software.
- Reports in Tabular and Graphical form
- Mean Kinetic Temperature Report.
- Back up Provision.
- Ethernet connectivity
- Multiple level password with automatic expiry
- Electronic signature
- Audit trial report
- Mobile alert via SMS in case of any deviations
- Online and offline trends



HIGH VOLUME REFRIGERATED CENTRIFUGE

LABTOP programmable Logic Control (PLC) controlled High volume refrigerated centrifuges are designed for, clinical laboratories, pharmaceutical industries, research laboratories, general biochemical work, vaccine manufacturing industry and clinical research organisation



- 99 Menu driven programmes
- In built pre cooling programmes
- Facility to Set rpm or RCF
- 4.3" colour Display with touch screen
- Maintenance free Brush less induction motor
- Variable frequency drive
- 10 acceleration and deceleration programs
- Self diagnostic system with error messages
- Castor wheel for ease of mobility
- Adjustable Levelling jack













			TECHNICAL SPECIFICATIONS			
Cat. No.			LHC- 12R		LHC- 6R	
Maximum S _l	peed (rpm)		7000	6000		
Maximum R			14000		10000	
Speed accur	acy (rpm)		±	50		
Temperature	range (°C)		-20 - 40 (Dep	end on speed)		
Temperature	accuracy ((°C)		, ;	1.0		
Timer (min)	, , , , , , , , , , , , , , , , , , ,		1-	99		
Maximum ro	tor capacity (ml)		6 x 2 x 100		6 x 1000	
Maximum Ca			12		6	
Noise level			Less t	nan 68		
Connectivity			Ethe	rnet		
Power (W)			4000		3000	
Power suppl	y (VAC)		3 Phas	e 415 V / 230, 50) / 60 Hz	
Dimensions	WxDxH (mm)		860x1010x1060	Ī	790x890x1010	
Packing Size	WxDxH (mm)		1020x1140x1270	9	20x1020x1220	
Net Weight	(kg)		400	250		
Gross Weigh	ıt (Kg)		475	325		
0.11	- N	Town of I	ROTOTRS AND ACCESSORIES		Cross d (rmms)	DCE (a)
Cat.No.	Rotor No.	Type of I			Speed (rpm)	RCF (g)
	0140 4000	Cu4.000 ==	SWING OUT ROTOR		4000	5000
	SW6-1000	6x1000 ml wind shield swing out rotor with polypropylene bottles			4200	5200
	AG EOO	C F00	FIXED ANGLE ROTORS		0000	10000
	A6-500	6 x500 ml Fixed angle rotor with polypropylene bottles			6000	10000
						10000
	A8-250	8 x 250 n	nl fixed angle rotor with polypropylene Tubes		6000	10000
LHC -6R	A8-250 A12-100	8 x 250 n 12 x 100	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes		6000 6000	10000
LHC -6R	A8-250 A12-100 A20-50	8 x 250 n 12 x 100 20 x 50 n	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angel rotor with polypropylene Tubes		6000 6000 6000	10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25	8 x 250 n 12 x 100 20 x 50 n 36 x 25 n	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes		6000 6000 6000	10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m	al fixed angle rotor with polypropylene Tubes and fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes	OPYLENE TUB	6000 6000 6000 6000 6000	10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m NGLE RO	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes l fixed angle rotor with polypropylene Tubes TOR WITH CONICAL BOTTOM POLYPRO		6000 6000 6000 6000 6000 ES	10000 10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15	8 x 250 n 12 x 100 20 x 50 n 36 x 25 n 72 x 15m NGLE RO 72 x 15m	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes l fixed angle rotor with polypropylene Tubes TOR WITH CONICAL BOTTOM POLYPRO	ne tubes	6000 6000 6000 6000 6000 ES	10000 10000 10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15	8 x 250 n 12 x 100 20 x 50 n 36 x 25 n 72 x 15m NGLE RO 72 x 15m	al fixed angle rotor with polypropylene Tubes and fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes al fixed angle rotor with polypropylene Tubes TOR WITH CONICAL BOTTOM POLYPRO I fixed angle rotor with Conical bottom polypropyle I fixed angle rotor with conical bottom polypropyle	ne tubes	6000 6000 6000 6000 6000 ES	10000 10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15 A72-15C A20-50C	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m NGLE RO 72 x 15m 20x 50 m	all fixed angle rotor with polypropylene Tubes and fixed angle rotor with polypropylene Tubes all fixed angle rotor with polypropylene Tubes and TOR WITH CONICAL BOTTOM POLYPRO all fixed angle rotor with Conical bottom polypropyle all fixed angle rotor with conical bottom polypropyle and SWING OUT ROTOR	ne tubes ne tubes	6000 6000 6000 6000 6000 ES	10000 10000 10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m NGLE RO 72 x 15m 20x 50 m	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes l fixed angle rotor with polypropylene Tubes TOR WITH CONICAL BOTTOM POLYPRO I fixed angle rotor with Conical bottom polypropyle I fixed angle rotor with conical bottom polypropyle SWING OUT ROTOR I ml Wind shield swing out rotor with polypropyler	ne tubes ne tubes	6000 6000 6000 6000 6000 ES	10000 10000 10000 10000 10000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15 A72-15C A20-50C	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m 72 x 15m 20x 50 m 6x2x1000	all fixed angle rotor with polypropylene Tubes and fixed angle rotor with polypropylene Tubes all fixed angle rotor with polypropylene Tubes are with Conical BOTTOM POLYPRO all fixed angle rotor with Conical bottom polypropyle all fixed angle rotor with conical bottom polypropyle and Swing OUT ROTOR and Wind shield swing out rotor with polypropyler and FIXED ANGLE ROTORS	ne tubes ne tubes	6000 6000 6000 6000 6000 ES 6000 6000	10000 10000 10000 10000 10000 10000 5000
LHC -6R	A8-250 A12-100 A20-50 A36-25 A72-15 A72-15C A20-50C	8 x 250 m 12 x 100 20 x 50 m 36 x 25 m 72 x 15m NGLE RO 72 x 15m 20x 50 m 6x2x1000	nl fixed angle rotor with polypropylene Tubes ml fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes nl fixed angle rotor with polypropylene Tubes l fixed angle rotor with polypropylene Tubes TOR WITH CONICAL BOTTOM POLYPRO I fixed angle rotor with Conical bottom polypropyle I fixed angle rotor with conical bottom polypropyle SWING OUT ROTOR I ml Wind shield swing out rotor with polypropyler	ne tubes ne tubes	6000 6000 6000 6000 6000 ES	10000 10000 10000 10000 10000 10000

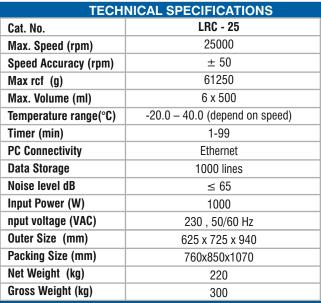
	MU-JUU	6 x500 IIII Fixed angle rotor with polypropylene bottles	0000	10000				
	A8-250	8 x 250 ml fixed angle rotor with polypropylene Tubes	6000	10000				
	A12-100	12 x 100 ml fixed angle rotor with polypropylene Tubes	6000	10000				
LHC -6R	A20-50	20 x 50 ml fixed angel rotor with polypropylene Tubes		10000				
	A36-25	36 x 25 ml fixed angle rotor with polypropylene Tubes		10000				
	A72-15	72 x 15ml fixed angle rotor with polypropylene Tubes	6000	10000				
	Α	ANGLE ROTOR WITH CONICAL BOTTOM POLYPROPYLENE TUBES						
	A72-15C	72 x 15ml fixed angle rotor with Conical bottom polypropylene tubes	6000	10000				
	A20-50C	20x 50 ml fixed angel rotor with conical bottom polypropylene tubes	6000	10000				
		SWING OUT ROTOR						
	SW6-2-1000	6x2x1000 ml Wind shield swing out rotor with polypropylene bottles	4000	5000				
		FIXED ANGLE ROTORS						
	A6-1000	6 x1000 ml Fixed Angle rotor with polypropylene bottles	7000	14000				
	A8-500	8 x500 ml Fixed angle rotor with polypropylene bottles	7000	14000				
	A10-250	10 x 250 ml fixed angle rotor with polypropylene tubes	7000	14000				
LHC -12R	A16-100	16 x 100 ml fixed angle rotor with polypropylene tubes	7000	14000				
	A24-50	24 x 50 ml fixed angel rotor with polypropylene tubes	7000	14000				
	A54-25	54 x 25 ml fixed angle rotor with polypropylene tubes	7000	14000				
	A108x15	108 x 15ml fixed angle rotor with polypropylene tubes	7000	14000				
	Α	NGLE ROTOR WITH CONICAL BOTTOM POLYPROPYLENE TUB						
	A24-50C	24 x 50 ml fixed angel rotor with conical bottom polypropylene tubes	7000	14000				
	A108x15C	108 x 15ml fixed angle rotor with conical bottom polypropylene tubes	7000	14000				
		REDUCTION ADAPTORS FOR ABOVE ROTORS						
	AD25-5	A set of 6 adapters suitable for 25x5ml round bottom polypropylene tubes	7000	14000				
	AD6-15C	A set of 6 adaptors suitable for 12 x 15 ml conical bottom polypropylene tubes	7000	14000				
	AD6-15	A set of 6 adaptors suitable for 12 x 15 ml round bottom polypropylene tubes	7000	14000				
	AD4-50C	A set of 6 adapters suitable for 4 x 50ml Conical bottom polypropylene tubes	7000	14000				
	AD4-50	A set of 6 adapters suitable for 4 x 50ml round bottom polypropylene tubes	7000	14000				
	AD3-100	A set of 6 adapters suitable for 3 x 100ml round bottom polypropylene tubes	7000	14000				
	AD1-250	A set of 6 adapters suitable for 1x250 ml polypropylene bottles	7000	14000				
	AD1-500	7000	14000					

HIGH SPEED REFRIGERATED RESEARCH CENTRIFUGE

Labtop Programmable Logic controlled (PLC) High speed refrigerated research centrifuge LRC – 25 is useful for centrifugation of temperature sensitive materials and widely used in research centres, Bio technology, soil testing laboratories also used in medical laboratories and educational Institutes.



- 99 Menu driven programmes
- In built pre cooling programmes
- Facility to set rpm or RCF
- 4.3" colour Display with touch screen
- Maintenance free Brush less induction motor
- Variable frequency drive
- Self diagnostic system with error messages
- Frost free refrigeration system
- Castor wheel for ease of mobility
- Adjustable Levelling jack











ROTOTRS AND ACCESSORIES					
Cat.No.	FIXED ANGLE ROTOR WITH POLYPROPYLENE TUBES	Speed (rpm)	RCF (g)		
A24-2	24 x 2 ml fixed angle rotor with micro tubes	25000	62880		
A24-15	24 x15 ml angle rotor with round bottom polypropylene tubes	7500	8800		
A12-15	12 x15 ml angle rotor with round bottom polypropylene tubes	18000	36000		
A6-50	6 x 50 ml angle rotor with round bottom polypropylene tubes	16500	32000		
A8-50	8 x 50 ml angle rotor with round bottom polypropylene tubes	16000	34000		
A12-50	12 x 50 ml angle rotor with round bottom polypropylene tubes	8000	10700		
A8-25	8 x 25 ml angle rotor with round bottom polypropylene tubes	16000	28500		
A36-15	36 x 15 ml angle rotor with round bottom polypropylene tubes	8000	9300		
A8-100	8 x 100 ml angle rotor with round bottom polypropylene tubes	7000	8900		
A4-100	4 x 100 ml angle rotor with round bottom polypropylene tubes	15000	25000		
A6-200	6 x 200 ml angle rotor with round bottom polypropylene tubes	7500	8800		
A6-250	6 x 250 ml angle rotor suitable for polypropylene bottles	7000	7200		
A6-500	6 x 500 ml angle rotor suitable for polypropylene bottles	7000	8200		
F	IXED ANGLE ROTOR WITH CONICAL BOTTOM POLYPROPYLENE TUBESA TUBESA	ES			
A12-15C	12 x15 ml angle rotor with conical polypropylene tubes	16000	34000		
A24-15C	24 x15 ml angle rotor with conical polypropylene tubes	7000	8200		
A12-50C	1 2 x 50 ml angle rotor with conical polypropylene tubes	7000	7500		
A6-50C	6 x 50 ml angle rotor with conical polypropylene tubes	12000	21000		
A8-50C	8 x 50 ml angle rotor with conical polypropylene tubes	13000	24000		

HIGH SPEED RESEARCH CENTRIFUGE

Labtop micro controller based High speed refrigerated research centrifuge LRC – 20R is useful for centrifugation of temperature sensitive materials and widely used in research centres, Bio technology, soil testing laboratories also used in medical laboratories and educational Institutes.

Catalogue number LRC - 20 is a non refrigerated version of LRC - 20R and all other features are same as below.



- Table top model
- Colour display with touch screen
- Automatic rotor identification
- In built pre cooling programme
- Hydraulic hinges for
- Facility to Set rpm or RCF
- Maintenance free Brush less induction motor
- Variable frequency drive
- 10 acceleration and deceleration programs
- Self diagnostic system with error messages
- Automatic rotor identification

TECH	TECHNICAL SPECIFICATIONS				
Cat. No.	LRC - 20 LRC - 20R				
Max. Speed (rpm)	20000				
Speed Accuracy (rpm)	5	0			
Max rcf (g)	278	300			
Max. Volume (ml)	4 x 100 ml				
Temperature Range (°C)	XXX -20.0 - 40.0				
Timer (minutes)	1-9	99			
Noise level (dB)	≤ 68	5 dB			
Input Power (W)	750 1000				
Input voltage (VAC)	230 V A0	C / 50 Hz			
Dimensions (mm)	330 x 480 x 340	620 x 480 x 340			
Packing Size (mm)	750x600x470 375x600x4				
Net Weight (kg)	50 70				
Gross weight (kg)	75	120			









NB: Temperature motioned above is depend on speed

TIB: Tompo	ROTOTRS AND ACCESSORIES						
Cat.No.	FIXED ANGLE ROTOR WITH POLYPROPYLENE TUBES	Speed (rpm)	RCF (g)				
A12-05	12 x 0.5ml xed angle rotors with micro tubes	20000	21000				
A48-05	48 x 0.5ml fixed angle rotor with micro tubes	16000	24000				
A24-2	24 x 2 ml fixed angle rotor with micro tubes	20000	40200				
A6-802	6x8x0.2 ml fixed angle rotor suitable for PCR tube strip	12000	14400				
A10-5	10 x 5ml fixed angle rotor with micro tubes	16000	18000				
A12-15	12 x15 ml angle rotor with round bottom polypropylene tubes	18000	34000				
A8-50	8 x 50 ml angle rotor with round bottom polypropylene tubes	16000	30000				
A12-50	12 x50 ml angle rotor with round bottom polypropylene tubes	8000	10700				
A8-25	8 x 25 ml angle rotor with round bottom polypropylene tubes	18000	34000				
A4-100	4 x100 ml angle rotor with round bottom polypropylene tubes	15000	24000				
F	IXED ANGLE ROTOR SUITABLE FOR CONICAL BOTTOM POLYPROPYLENE TU	BES					
A12-15C	12 x15 ml angle rotor with conical polypropylene tubes	16000	34000				
A24-15C	24 x15 ml angle rotor with conical polypropylene tubes	7000	8200				
A12-50C	1 2 x 50 ml angle rotor with conical polypropylene tubes	7000	7500				
A6-50C	6 x 50 ml angle rotor with conical polypropylene tubes	12000	21000				
A8-50C	8 x 50 ml angle rotor with conical polypropylene tubes	13000	23000				

HIGH SPEED RESEARCH CENTRIFUGE

Labtop micro controller based laboratory centrifuge Cat. No. LRC - 10R is Refrigerated version of LRC-10 and it is used in pathology laboratories and research centres.

 $Motorised\ Safety\ door\ interlock\ on\ the\ centrifuge\ ensures\ that\ the\ rotor\ does\ not\ run\ with\ door\ open\ while\ the\ cover$

cannot be opened unless rotor comes to complete stop.





- In built pre cooling programmev
- Facility to Set rpm or RCF
- Maintenance free Brush less induction motor
- Variable frequency drive
- 10 acceleration and deceleration programs
- Self diagnostic system with error messages
- Castor wheel for ease of mobility
- Adjustable Levelling jack
- Automatic rotor identification
- Colour display with touch screen









TECH	TECHNICAL SPECIFICATIONS				
Cat. No.	LRC- 10 LRC- 10R				
Max. speed (rpm)	100	000			
Max rcf (g)	107	750			
Temperature (°C)	NA	-20.0 – 40.0			
Max. Volume (ml)	6 x 500				
Timer (minutes)	1-99				
Noise level (dB)	<u>≤</u>	65			
Power (W)	750 1000				
Input voltage (VAC)	230, 50) / 60 Hz			
Dimensions (mm)	450 x 650 x 600	900 x 650 x 600			
Packing size (mm)	525 x 725 x 675	1030 x 780 x 730			
Net Weight (kg)	50 110				
Gross weight (kg)	80 150				

NB: Temperature motioned above is depend on speed

ROTOTRS AND ACCESSORIES					
Rotor No.	Type of Rotors	Speed (rpm)	RCF (g)		
	FIXED ANGLE ROTOR				
A6-200	6 x 200 ml fixed angle rotor with round bottom polypropylene tubes	7500	8800		
A6-250	6 x 250 ml angle rotor suitable for polypropylene bottles	7000	7200		
A6-500	6 x 500 ml angle rotor suitable for polypropylene bottles	7000	8200		
A8-100	8 x 100 ml Fixed angle rotor with round bottom polypropylene tubes	7000	8900		
A12-50	12 x 50 ml Fixed angle rotor with round bottom polypropylene tubes	8000	10700		
A12-25	12 x 25 ml Fixed angle rotor with round bottom polypropylene tubes	7000	7100		
A36-15	36 x 15 ml angle rotor with round bottom polypropylene tubes	8000	9300		
A6-50	6 x 50 ml angle rotor with round bottom polypropylene tubes	10000	12250		
A8-50	8 x 50 ml angle rotor with round bottom polypropylene tubes	10000	13500		
A12-50	12 x50 ml angle rotor with round bottom polypropylene tubes	8000	10700		
A24-15	24 x15 ml angle rotor with round bottom polypropylene tubes	7500	8800		
A12-15	12 x15 ml angle rotor with round bottom polypropylene tubes	10000	11200		
A48-2	48 x 2 ml Fixed angle rotor with polypropylene micro tubes	10000	10500		
A24-2	24 x 2 ml Fixed angle rotor with polypropylene micro tubes	10000	10500		
FIXED AN	IGLE ROTOR SUITABLE FOR CONICAL BOTTOM POLYPROPYLE	NE TUBE			
A6-50C	12 x50 ml angle rotor with conical polypropylene tubes	8000	9300		
A10-15C	36 x15 ml angle rotor with conical polypropylene tubes	7000	7100		
	SWING OUT ROTORS				
\$4-200	4 x 200 ml swing out rotor with round bottom polypropylene tubes	4000	3040		
\$4-100	4 x 100 ml swing out rotor with round bottom polypropylene tubes	4000	3040		
\$4-250	4 x 250 ml swing out rotor with round bottom polypropylene tubes	4000	3040		
\$105-5	108 x 5 ml swing out rotor suitable for RIA tubes	4000	3040		

PRP CENTRIFUGE

Labtop micro controller based PRP centrifuge Cat. No. LLC – 6PR is refrigerated version of LLC-6P and it is designed for PRP extraction within shortest possible time, with programmable acceleration and deceleration time



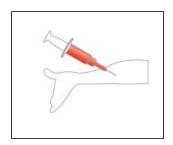
SALIENT FEATURES

- Maintenance free brushless motor
- Can accommodate various PRP tubes
- Colour display with touch screen
- User friendly programs
- Display of rpm, rcf, time in a single screen

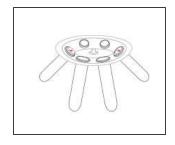
	TECHNICAL SPECIFICATION	NS		
Cat. No.	LLC- 6P	LLC- 6PR		
Max. speed (rpm)		4000		
Max rcf (g)		2690		
Max. Volume (ml)	4 x	20 ml PRP Tube		
Temperature (°C)	X	-20.0 – 40.0 (depend on speed)		
Accuracy (°C)	X	± 1.0		
Temperature sensor	X	PT-100		
Timer (minutes)		1-99		
Noise level (dB)		≤ 65 dB		
Power (W)	300	500		
Input voltage (VAC)	23	30 , 50/60 Hz		
Dimensions (mm)	480 x 400 x 300	600 x 400 x 300		
Packing size (mm)	530 x 450 x 350	650 x 450 x 350		
Net Weight (kg)	22	42		
Gross weight (Kg)	32	65		

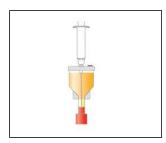
PRP THERAPY

Platelet Rich Plasma therapy uses injections of a concentration of a patient's own platelets to accelerate the healing of injured tendons, ligaments, muscles and joints.









LABORATORY CENTRIFUGES

Labtop micro controller based laboratory centrifuges are suitable for routine work in medical and industrial laboratories. This centrifuge has maintenance free Brushless motor with frequency drive, Graphic display, motorised door lock, Timer and programmable acceleration and deceleration and Cat. No. LLC – 5R is refrigerated version of LLC-5

Motorised Safety door interlock on the centrifuge ensures that the rotor does not run when door is open while the cover cannot be opened unless rotor comes to complete stop.



- Maintenance free brushless motor
- Rotor selection
- Electronic Safety door lock
- Imbalance cut off with error messages
- Colour display with touch screen
- Can fit any type of tubes in a single rotor









TECHNICAL SPECIFICATIONS					
Cat. No.		LLC- 5	LLC- 5R	LLC-6	
Max. speed (rpm)		50	00	6000	
Max rcf (g)		54	70	2690	
Max. Capacity (ml)		4 x	250	6 x 50	
Max. Volume (ml)		10	00	300	
Temperature (°C)	N	lil	0°C	Nil	
Timer (minutes)		1-9	99		
Noise level (dB)		≤ 65	5 dB		
Power (W)		300	500	250	
Input voltage (VAC)		230 /	50 Hz		
Dimensions (mm)		530 x 420 x 350	620 x 420 x 350	480 x 400 x 300	
Packing size		585x485x400	750x485x400	550x450x350	
Net Weight (kg)		60	75	30	
Gross weight (kg)		75	100	45	



		ROTOTRS AND ACCESSORIES				
FIXED ANGLE ROTORS						
Cat No.	Rotor No.	Type of Rotors	Speed (rpm)	RCF (g)		
		SWING OUT ROTORS				
	S4-100	4 x100ml swing out rotor with Stainless steel	5000	4605		
	S8-50	8 x50 ml swing out rotor with Stainless steel tubes	5000	4750		
	S4-50	4 x50 ml swing out rotor with Stainless steel tubes	5000	4745		
	S32-15	32x15ml swing out rotor with Stainless steel tubes	4000	3000		
LLC -5	S32-5	32x5 ml swing out rotor with Stainless steel tubes	4000	2810		
LLC -5 LLC -5R	S32-2	32x2 ml swing out rotor with Stainless steel tubes	4000	2810		
LLU -JII	S48-2	48x5 ml swing out rotor with Stainless steel tubes	4000	2910		
	S48-2	48x2 ml swing out rotor with Stainless steel tubes	4000	2910		
	S72-5	72x5 ml swing out rotor with Stainless steel tubes	4000	2810		
	S72-2	72x2 ml swing out rotor with Stainless steel tubes	4000	2810		
	S2-96P	2x96 swing out rotor with Stainless steel tubes	4000	2390		
		FIXED ANGLE ROTORS				
	A16-15	16x15ml angle rotor with Stainless steel tubes	5400	3800		
	A12-15	12x15 ml angle rotor with Stainless steel tubes	5400	3800		
	A8-15	8 x15 ml angle rotor with Stainless steel tubes	5500	4000		
	A6-50	6 x 50 ml angle rotor with Stainless steel tubes	5400	3800		
	A4-50	4 x 50 ml angle rotor with Stainless steel tubes	5500	4000		
LLC - 6		SWING OUT ROTORS				
	S16-15	16x15 ml swing out with Stainless steel tubes	4100	3000		
	S12-15	12 x15 ml swing out with Stainless steel tubes	4100	3000		
	S8-15	8 x 15 ml swing out with Stainless steel tubes	4300	3200		
	S4-50	4x50 ml swing out with Stainless steel tubes	4100	3000		
	S6-50	6 x 50 ml swing out with Stainless steel tubes	4000	2800		



DOCUMENTATION

LABTOP offers DQ IQ, OQ and PQ with documentation, reports, calibration and test certificates.

CALIBRATION

The equipment is calibrated with the help of master calibrator, which is certified for its accuracy by Electronics Regional Testing Laboratory (ERTL West) Government of India recognized testing laboratory with traceable reference to National Physical Laboratories (NPL).



SERVICE AND SUPPORT

The training undertaken by our Channel partners and engineers is of the highest standard in the industry, ensuring that our customers are supported by the highest level of technical expertise and as such can be assured that their equipment will perform to the standards required at all times.

Our wide network of Engineers/Technicians enables us to respond to any technical query, ensuring that our customers receive the maximum benefit from their equipment.

NB: Specifications are subject to change without prior notice.



MANUFACTURING & ADMINISTRATION FACILITY

The company's vertical orientation to manufacturing ensures total quality control of its finished products as all aspects of design and manufacturing are performed in the company's modern production facilities. The company's complete manufacturing and administration is under one roof – Labtop House.

Labtop House is a dedicated structure spanning over 40,000 sq. ft. and comprises of two floors, exclusively capital of India. Adhering to industrial norms and legislations laid down by the government for industrial premises, Labtop has dedicated spacious areas for manufacturing, assembling and quality control.

Complementing the facility is Labtop's continued investment in state-of-the-art manufacturing technologies and machine tools which gives the company's products a distinct advantage in the Indian and world markets.

CORE STRENGTHS

Labtop Instruments expertise is in manufacturing high-quality laboratory instruments and scientific equipments. Powered with an efficient team of engineers backed by years of experience in their respective fields, the company ensures each and every product that leaves the manufacturing unit is up to the mark in all respects.

- State of the art manufacturing capabilities
- A pool of talented experts
- Cost-effective and durable products
- Large network to facilitate smooth distribution
- Voluminous stock to satisfactorily meet the market requirements
- Timely delivery schedules and after-sales service.

Labtop's compliance with highly precise customer specifications serves as a constant objective for the company. Its core values encompass the commitment to precision workmanship with unsurpassed customer service.

Customer Satisfaction for Labtop is not just about complying with customized requirements, but more about value generation in every order.



OUR PRESTIGIOUS CUSTOMERS

Advinus Therapeutic Ltd., Agio Pharma, Ajanta Pharma, Alkem Ltd., Associated Capsules Ltd., BARC, Bharat, Serum & Vaccines Ltd., BITS, CFTRI, Cipla Ltd., CSIR, Dupont, Emcure, Eisai Pharma, FDC Ltd., Firmenich, Fresenius Kabi India Ltd., Fernenta Biotech Ltd., Glenmark Ltd., Godrej Agrovet, GVK Bioscience, GSK Ltd., Heinz India Pvt. Ltd., Hetero Labs Ltd., HLL Life Care Ltd., Hindustan Unilever, Hester, Indoco Remedies, Ipca Lab Ltd., Johnson & Johnson Ltd., JSW Steel, Lupin Ltd., NCL, Nirma University, Reliance Life Science, Sandoz Ltd., SD Biosensor, Serum Institute of India Ltd., Sitec Labs., Tata Chemicals Ltd., T.I.F.R., Terumo Ltd., Teva Ltd., Torrent Pharma, Troikaa Pharmaceuticals, Unichem Laboratories, United Phosphorous Ltd., Vimta Labs, Watson Ltd., Zydus Cadila Ltd. and many more.







Labtop Instruments Pvt. Ltd.

Labtop House, Plot No. 59, Waliv Phata, Sativali Road, Vasai (E),

Dist - Palghar - 401208, Maharashtra, India. Tel.:+918446053761 to 70 (10 lines)

Email: info@labtopinstruments.com
Web: www.labtopinstruments.com