

## Comparison of Various models of Lab Basket Centrifuge

Particulars		LAB BASKET CENTRIFUGE		
SN	MODEL	LBC-500/ LBC-500-HALAR COATING		LBC-1000/ LBC-1000-HALAR COATING
		large vessel	small vessel	large vessel
1	BASKET DIAMETER (mm)	161	161	212
2	BASKET DEPTH mm	110	60	160
3	WORKING CAPACITY Under LIP (volume cc)	750	400	2000
4	FILTRATION AREA Sq Cm	550	300	1000
5	Basket Load	500	200	1000
6	Material -Body & Lid	SS-316	SS-316	SS-316
7	Material -Gear Housing	CAST ALUMINIUM	CAST ALUMINIUM	CAST ALUMINIUM
8	Material -Seal	TEFLON	TEFLON	TEFLON
9	Material -Stanadard Bag Of Mesh -15 Mic	POLYPROPYLENE	POLYPROPYLENE	POLYPROPYLENE
10	MOTOR Power (Max Input Watt)	72	72	110
11	BASKET REVOLUTION(RPM):STEPLESS SPEED CONTROL POSSIBLE	450-3000	450-3000	450-3000
12	Centrifugal Accelration (max .G)	800	800	1050
13	Maximum Centrifugal force per unit <sup>mass(g)</sup>	800	800	1050
14	Motor Gear Basket Unit dimension (L x D x H ) mm	380 X 250 X 350	380 X 250 X 350	460 X 305 X 440
15	DRY WEIGHT OF Motor Gear Basket Unit Kg	21	21	39
16	SPEED CONTROLLER Unit dimension (L x D x H ) mm	225 X 180 X 140	225 X 180 X 140	205 x 225 x 145
17	DRY WEIGHT OF SPEED CONTROLLER Unit Kg	5.5	5.5	5.5
18	CONTROLLER INPUT POWER SUPPLY (OTHER Voltage On request)	230 V AC +/- 10 % 50 Hz		
19	Motor Voltage Continuously Variable	3-24 V DC		
20	OPTIONAL ACCESSORIES	The Inner Vessel,Outer Vessel and Funnel are also available with Teflon/Halar(PTFE/ECTFE)coating of wetted parts		