



labodam

# LOW SPEED CENTRIFUGE

## LLS-A SERIES

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## Low Speed Centrifuge LLS-A42

Low speed centrifuge comes with compact design, self-locking system which provides protection against over speed, over temperature and imbalance. Equipped with low noise flexible axle driven rotor system ensures smooth functioning of centrifuge. The body is made up of high quality, corrosion resistant stainless steel which is safe and reliable. The several kinds of rotors are available for the different analysis. Low speed centrifuge is used for qualitative analysis of plasma and blood serum in hospitals, blood banks, research institutes.

### Features

- Micro computer controlled system with digital display to set RCF, speed and time
- User can store 10 different kinds of programs in memory and has 10 different speeds
- Equipped with low noise flexible axle driven rotor system which ensure smooth functioning
- Users can choose among different types of rotors based on the experiments
- Pollution free brushless frequency motor with good torque, free maintenance, quick in up-down of the speed

### Applications

Low speed centrifuge is used mainly for the qualitative analysis of blood plasma, serum and urine in the hospitals, blood banks, research institutes & biochemistry laboratories.

### Specifications

Model	LLS-A42
Max. speed	5000 rpm
Max. RCF	4730× g
Max. Capacity	4×250 ml
Timer range	0-99 min
Speed accuracy	± 20 rpm
Noise	≤58 dBA
Weight	40 kgs
power supply	220 V/110 V, 50 Hz/60 Hz
Dimension (HxWxD)	570 x 400 x 320 mm

Select the suitable rotor as per your requirement from the list given below

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Swing Rotor O1	4000	4 x 250 (Round Cup)	2880
Swing Rotor O2	4000	4 x 250 (Square Cup)	2830
Swing Body			
Bucket	5000	4 x 1 x 50	4730
		4 x 1 x 100	4730
	4000	4 x 2 x 50	2950
		4 x 4 x 15	2950
		4 x 6 x 15	2950
		4 x 10 x 10	2880
		4 x 12 x 7	2760
		4 x 12 x 5	2480
		4 x 8 x 10/ 7/ 5	2580
		4 x 4 x 10/ 7/ 5	2580
Angle Rotor O1	5000	12 x 15	3080
Angle Rotor O2	5000	6 x 50	2850
Angle Rotor O3	5000	4 x 50	2520
Angle Rotor O4	5000	4 x 100	2630
Angle Rotor O5	5000	24 x 15	3500
Angle Rotor O6	5000	12 x 50	3860
Angle Rotor O7	5000	6 x 100	3130
Angle Rotor O8	5000	12 x 100	2970
Microplate Rotor	4000	2x3x48 Well	2300
Microplate Rotor	4000	2x2x96 Well	2490

Adapters for 250 ml round cup:

Volume	5 ml	7 ml	10 ml	15 ml	50 ml
250 ml round cup	7pcs/cup	7 pcs/cup	7 pcs/cup	4 pcs/cup	1 pcs/cup
250 ml Square cup	9pcs/cup	9 pcs/cup	7 pcs/cup	4 pcs/cup	1 pcs/cup

## Low Speed Centrifuge LLS-A50

This low speed, large capacity centrifuges with advanced design can run large capacity samples at controlled temperature. This centrifuge has variety of rotors for easy and safe loading of samples. Its automatic lid lock unit provides protection against over temperature and imbalance. The several kinds of rotors are available for the different analysis. In this centrifuge rotor is connected to spindle by specialized taper sleeve for simple and quick loading of the sample.

### Features

- Micro computer controlled system with digital display to set RCF, speed and time
- User can store 10 programs in memory and can set 10 different speeds
- Wide range of rotors are available which ensure easy and safe loading
- Automatic lid lock unit for safe operations
- Three tiers of protective steel cover design

### Applications

Low speed centrifuge is widely used for research and development in biochemistry, biological products, pharmaceutical factory and laboratory.

### Specifications

Model	LLS-A50
Max. speed	6000 rpm
Max. RCF	6600 x g
Max. Capacity	4x100 ml
Timer range	0-99h 59 min
Temp. Accuracy	±1 °C
Speed Accuracy	±50 r/min
Noise	≤55 dBA
Weight	95 kg
power supply	AC110/220V, 50-60HZ, 20A
Dimension (HxWxD)	792×640×865 mm

Select the suitable rotor as per your requirement from the list given below

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Swing Rotor O1	4000	4 x 1000 (Round Cup)	4060
Angle Rotor O1	6000	4 x 300	5390
Angle Rotor O2	6000	6 x 300	5660
Angle Rotor O3	6000	6 x 500	6600

#### Adapter for 1000 ml bucket

Volume	5 ml	7 ml	10 ml	15 ml	50 ml
1000 ml	23pcs/cup	23	19	14	5

### Low Speed Centrifuge LLS-A51

This table-top low speed centrifuge is equipped with low noise flexible axle driven rotor system which ensure smooth functioning. It has electric lid lock system, which provides protection against high speed and imbalance. It has compact design and is made using superior quality corrosion resistant stainless steel. They are of use in hospitals, blood centers, and research institutes for qualitative analysis.

#### Features

- Equipped with low noise flexible axle driven rotor system
- User can store 10 programs in memory and can set 10 different speeds
- Micro computer controlled system with digital display to set RCF, speed and time
- Electric lid lock system for safety
- Made up of supreme quality corrosion resistant steel

#### Applications

Low speed centrifuge is widely used for qualitative analysis in hospitals, blood banks, research institutes.

## Specifications

Model	LLS-A51
Max. speed	6000 rpm
Max. RCF	4730×g
Max. Capacity	4×180 mL
Timer range	0-99 min
Speed accuracy	± 20 rpm
Noise	≤55 dBA
Weight	23 kg
power supply	AC 220V / 110 V, 50Hz / 60 Hz
Dimension (HxWxD)	540 x 370 x 280 mm

Select the suitable rotor as per your requirement from the list given below

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Angle Rotor 01	6000	6 x 15	3660
Angle Rotor 02	6000	12 x 15	4430
Angle Rotor 03	6000	6 x 50	4110
Angle Rotor 04	5000	4 x 50	3620
Angle Rotor 05	6000	4 x 100	3790
Angle Rotor 06	5000	24 x 15	3500
Angle Rotor 07	5000	12 x 50	3860
Angle Rotor 08	5000	6 x 100	3130
Angle Rotor 09	4000	12 x 100	2970