



Low Speed Centrifuge LLS-A54

Low Speed Centrifuge LLS-A54 is a microprocessor-controlled table-top unit, offers 4×300 ml of capacity with 6000 rpm of maximum speed and 4730×g of maximum RCF. Compact design with digital display, touch panel and brushless frequency motor, has high quality steel body with 3-tiers protection steel cover. Equipped with automatic lid lock and super speed, provides 10 kinds of acceleration/deceleration with over-temperature protection and imbalance protection.

Features

- ❑ A microprocessor-controlled table-top unit with 4×300 ml of capacity
- ❑ 6000 rpm of maximum speed and 4730×g of maximum RCF at normal temperature
- ❑ Compact design with digital display and touch panel, allows easy parameters editing
- ❑ Brushless frequency motor, reliable and quiet performance with long lifespan
- ❑ High quality steel body with 3-tiers protection steel cover, safe and reliable
- ❑ Automatic lid lock and super speed with 10 kinds of acceleration/deceleration
- ❑ Over-temperature protection and imbalance protection, safe operation
- ❑ High-efficient, stable and reliable unit for routine separation of different samples

Application

Low Speed Centrifuge is used for the routine separation of samples across biochemical products, scientific and technological research, food safety, medical and health, blood stations, hospital, medical science, technology, education, production sector, molecular, biochemical, sanitation etc.

Specifications

Model	LLS-A55
Maximum Speed	6000 rpm
Maximum RCF	4730×g
Maximum Capacity	4×300 ml
Time Range	0 to 99 min
Speed Accuracy	± 20 rpm
Temperature	Normal
Display	Digital
Motor	Brushless Motor

Acceleration/Deceleration	10 kinds
RCF/RPM Convert	Yes
Controller	Microprocessor
Protection	Over-temperature and Imbalance
Noise	≤ 58 dB
Power Supply	AC 220/110 V, 50/60 Hz
Dimension (W×D×H)	570×400×320 mm
Net Weight	35 kg

Rotor selection

Rotor Type No.	Maximum Speed	Maximum Capacity	Maximum RCF
Swing Rotor 01	4000 rpm	4×300 ml (round cup)	3180×g
Swing Rotor 02	4000 rpm	4×300 ml (square cup)	3150×g
Swing Rotor 03	4000 rpm	4×24×7 ml	3150×g
Swing Rotor 04	4000 rpm	4×24×5 ml	2750×g
Swing Rotor 05	4000 rpm	4×18×10 ml	3140×g
Swing Rotor 06	5000 rpm	4×1×50 ml	4730×g
Swing Rotor 07	5000 rpm	4×1×100 ml	4730×g
Swing Rotor 08	4000 rpm	4×2×50 ml	3200×g
Swing Rotor 09	4000 rpm	4×2×100 ml	3020×g
Swing Rotor 10	4000 rpm	4×4×15 ml	3200×g
Swing Rotor 11	4000 rpm	4×6×15 ml	3200×g
Swing Rotor 12	4000 rpm	4×8×15 ml	3200×g
Swing Rotor 13	4000 rpm	4×12×5 ml (vacuum tube)	2480×g
Swing Rotor 14	4000 rpm	4×12×7 ml (vacuum tube)	2760×g
Swing Rotor 15	4000 rpm	4×12×10 ml (vacuum tube)	2790×g
Swing Rotor 16	4000 rpm	4×8×10/7/5 ml (vacuum tube)	2790×g
Swing Rotor 17	4000 rpm	4×6×10/7/5 ml (vacuum tube)	2790×g

Swing Rotor 18	4000 rpm	4×4×10/7/5 ml (vacuum tube)	2790×g
Fixed Rotor 01	6000 rpm	6×15 ml	3660×g
Fixed Rotor 02	6000 rpm	12×15 ml	4430×g
Fixed Rotor 03	5000 rpm	24×15 ml	3500×g
Fixed Rotor 04	5000 rpm	30×15 ml	3830×g
Fixed Rotor 05	6000 rpm	4×50 ml	3620×g
Fixed Rotor 06	6000 rpm	6×50 ml	4110×g
Fixed Rotor 07	5000 rpm	12×50 ml	3860×g
Fixed Rotor 08	4000 rpm	24×50 ml	2970×g
Fixed Rotor 09	6000 rpm	4×100 ml	3790×g
Fixed Rotor 10	5000 rpm	6×100 ml	3130×g
Fixed Rotor 11	4000 rpm	12×100 ml	2970×g
Microplate Rotor 01	4000 rpm	2×4×96 well	2910×g
Microplate Rotor 02	4000 rpm	2×4×48 well	2300×g

Adapter Selection

Adapter No.	Adapter Type	Capacity
Adapter 01	5/7 ml	4×16×5/7 ml
Adapter 02	15 ml (conical)	4×6×15 ml