



High Speed Centrifuge LHS-A23

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Description :

High Speed Centrifuge LHS-A23 is a benchtop model which can accommodate both low speed and high speed rotors. Comes with LED display for speed and time. Brushless DC motor makes the unit maintenance free and facilitates smooth and low noise operation.

Specifications :

Max. speed	18500 rpm
Max. RCF	23990 ×g
Max. Capacity	4×300 ml
Speed Accuracy	± 20 rpm
Timer range	0 to 99 min
RPM/RCF Convert	Yes
Noise	≤ 55 dB
Acceleration /Deceleration	10 types
Power supply	AC 220/110 V, 50/60 Hz
Dimension (H x W x D)	620×450×355 mm
Net Weight	55 kgs (without rotor)

Features :

- Compact design with low noise operation
- 10 kinds of acceleration and deceleration
- LED display for speed, time parameters
- Brushless DC motor
- Requires low maintenance
- Over speed sensor for protection purpose

Rotor Name	Maximum speed (rpm)	Maximum volume (ml)	Maximum RCF (g)
Swing Rotor 01 (Round bucket)	4000	4×300 ml	3180
Swing Rotor 02 (Square bucket)	4000	4×300 ml	3180
Swing Rotor 03	4000	4×24×7 ml	3150
Swing Rotor 04	4000	4×24×5 ml	2750
Swing Rotor 05	4000	4×16×10 ml	3150
Swing Rotor 06	4000	4×22×7 ml	3410
Swing Rotor 07	4000	4×22×5 ml	2840
Swing Rotor 08	4000	4×18×10 ml	3140
Microplate Rotor 01(box type)	4000	2×4×96 well	2770
Microplate Rotor 02 (fame type)	4000	2×4×96 well	2910
Microplate Rotor 03 (fame type)	4000	2×3×48well	2300
Swing rotor 09	5000	4×1×50 ml	4730
Swing rotor 10	5000	4×1×100 ml	4730
Swing rotor 11	4000	4×2×100 ml	3020
Swing rotor 12	4000	4×2×50 ml	3200
Swing rotor 13	4000	4×4×15 ml	3200
Swing rotor 14	4000	4×6×15 ml	3200
Swing rotor 15	4000	4×8×15 ml	3200
Swing rotor 16	4000	4×8×10/7 ml	2770
Swing rotor 17	4000	4×8×5ml adapter	2380
Swing rotor 18	4000	4×6×10/7 ml	2770
Swing rotor 19	4000	4×6×5ml adapter	2380
Swing rotor 20	4000	4×4×10/7 ml	2770
Swing rotor 21	4000	4×4×5 ml adapter	2380
Swing rotor 22	4000	4×16×5 ml	2520
Swing rotor 23	4000	4×16×7 ml	2880
Swing rotor 24	4000	4×12×10 ml	2880
Angle Rotor 01	14000	4×8 PCR	12070
Angle Rotor 02	13000	6×8 PCR	16080
Angle Rotor 03	14000	8×8 PCR	13390
Angle Rotor 04	13000	12×8 PCR	17220
Angle Rotor 05	14000	40×0.5 ml	19960
Angle Rotor 06	18500	12×1.5 ml	23990
Angle Rotor 07	15000	24×1.5 ml	20600

Angle Rotor 08	13500	30×1.5 ml	19340
Angle Rotor 09	11000	48×1.5 ml	12840
Angle Rotor 10	15000	16×5 ml	19350
Angle Rotor 11	14000	6×10 ml	16460
Angle Rotor 12	13000	12×10 ml	17030
Angle Rotor 13	11000	16×10 ml	13950
Angle Rotor 14	11000	8×15 ml	12730
Angle Rotor 15	9000	12×15 ml	9590
Angle Rotor 16	5000	24×15 ml	3500
Angle Rotor 17	5000	30×15 ml	3830
Angle Rotor 18	12000	6×30 ml	14000
Angle Rotor 19	12000	6×50 ml (sharp)	16050
Angle Rotor 20	12000	6×50 ml (round)	15960
Angle Rotor 21	5000	12×50 ml	3860
Angle Rotor 22	4000	24×50 ml	2910
Angle Rotor 23	11000	4×85 ml	13560
Angle Rotor 24	10000	4×100 ml	10310
Angle Rotor 25	8000	6×100 ml	7280
Angle Rotor 26	4000	12×100 ml	2970
Angle Rotor 27	12000	24 capillaries	15800
Swing Rotor 25	15000	4×5 ml	19920
Vertical rotor 01	16000	16×5 ml	16450
Vertical rotor 02	14000	8×30 ml	19750

Applications :

High speed centrifuges are widely used in protein precipitation, RNA extraction, clinical sample processing and various other separation experiments.



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