

High-Speed Centrifuge (1600 -1850 SERIES)

LABEC offer a **High-Speed Centrifuge** that is the latest in technology and reliable quality with superior performance and easy operation. Widely used in medical laboratories, biochemical and molecular biological research and industrial laboratories for routine analysis, genetics, protein and nucleic acid and other more experimental studies.

- Adopts advanced CPU control system, micro-controller can control speed, time, temperature and relative centrifugal force.
- Adopts a maintenance-free variable frequency motor, so speed is more accurate. Step regulator of centrifugal speed and centrifugal force is 10rpm/10×g, time control:
 - 0-1 hours 59 minutes 59 seconds
 - precision ±1 second
 - continuous centrifugation
 - instantaneous centrifugation
- Rotor with super-hard alloy, with unlimited high-temperature sealing performance and disinfection functions.
- LCD screen liquid crystal display. The operation is easy, with single button for spin control.
- With door cover protection, speeding and advanced electronic imbalance detection system that can process real-time monitoring of centrifugal speed to ensure safe operation of equipment, running over, error and imbalance, the signal sounds and stops running, text displays error.
- CE safety certification, and passed ISO9001 quality system certification.
- Automatic recognition of the rotor can be upgraded to state-of-the-art electronic imbalance detection system.



Model Z-H-1650



Model Z-H-1650

Serving the Scientific, Medical and Research industries since 1945

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Laboratory Equipment Pty Ltd

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SPECIFICATIONS

High-Speed Centrifuge (1600 - 1850 SERIES)

Model	Z-H-1600A	Z-H-1600	Z-H-1650	Z-H-1850
Electric supply	AC240V / 50~60Hz			
Power consumption drive	100	370		470
Max. capacity	50ml (5 x 10)	120ml (10ml x 12)		400ml (100ml x 4)
Max. speed rpm Angle	16000	1600	16500	18500
Max. RCF (×g)	17800		19030	23197
Dimensions (H × W × D)	280 x 360 x 470			
Weight without rotor	12	27		
Noise level at max. speed (approx)	≤65dB(A)			



Z-H-1600A Rotor Parameter

Rotor	capacity (ml)	Max. speed (r/min)	Max. RCF (×g)	(Test tube type)
Angle Rotor	1.5 / 2.2 x 12	16000	17800	pp conical bottom
Angle Rotor	1.5 / 2.2 x 18	13500	13550	pp conical bottom
Angle Rotor	5 x 10	13500	12920	pp conical bottom
Angle Rotor	0.5 x 36	13500	13250	pp conical bottom

Z-H-1600 Rotor Parameter

Rotor	capacity (ml)	Max. speed (r/min)	Max. RCF (×g)	(Test tube type)
Angle Rotor	1.5 / 2.2 x 12	16000	17800	pp conical bottom
Angle Rotor	1.5 / 2.2 x 18	16000	19030	pp conical bottom
Angle Rotor	1.5 / 2.2 x 24	13500	16500	pp conical bottom
Angle Rotor	0.5 x 36	13500	13250	pp conical bottom
Angle Rotor	5 x 10	13500	12920	pp round bottom
Angle Rotor	10 x 12	13000	15120	pp round bottom

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High-Speed Centrifuge (1600 - 1850 SERIES)

Z-H-1650 Rotor Parameter

Rotor	capacity (ml)	Max. speed (r/min)	Max. RCF (×g)	(Test tube type)
Angle Rotor	1.5 / 2.2 x 12	16500	18930	pp conical bottom
Angle Rotor	1.5 / 2.2 x 18	16000	19030	pp conical bottom
Angle Rotor	1.5 / 2.2 x 24	13500	16500	pp conical bottom
Angle Rotor	0.5 x 36	13500	13250	pp conical bottom
Angle Rotor	5 x 10	13500	12920	pp round bottom
Angle Rotor	10 x 12	13000	15120	pp round bottom
Angle Rotor	50 x 6	12000	13750	pp round bottom

Z-H-1850 Rotor Parameter

Rotor	capacity (ml)	Max. speed (r/min)	Max. RCF (×g)	(Test tube type)
Angle Rotor	1.5 / 2.2 x 12	18500	23179	pp conical bottom
Angle Rotor	1.5 / 2.2 x 18	16000	19030	pp conical bottom
Angle Rotor	1.5 / 2.2 x 24	16000	23210	pp conical bottom
Angle Rotor	1.5 / 2.2 x 36	13500	17270	pp conical bottom
Angle Rotor	5 x 10 / 12	13500	12920	pp round bottom
Angle Rotor	10 x 12	13000	15120	pp round bottom
Angle Rotor	50 x 6 100 x 4	12000	13750	pp round bottom / conical bottom
Angle Rotor	15 x 8	12000	13750	pp conical bottom

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