

## Benchtop High Speed Centrifuge Model: G16000

G16000 are useful for routine applications in biotechnology, PCR, life sciences, biochemical and clinical labs, etc. This unit is suitable for routine sample analysis in Medical, Hospital, Pathology, and Institutional laboratories. With a wide choice of rotor heads and adapters, this unit is truly versatile.

### Features:

- ☆ Rotor identification prevents the rotor from over speed.
- ☆ Stainless steel chamber with guarding ring.
- ☆ Electronic safety lock prevent cover opening during centrifugation.
- ☆ Manually lid open in case of failure or emergency.
- ☆ Gas spring to prevent falling of lid.
- ☆ Imbalance fault detection with auto shutdown.
- ☆ With silent-block and shock absorbers that guarantee a smooth and quiet operation.
- ☆ Reliable drive system. Induction motor maintenance free.
- ☆ Microprocessor control of all functions: speed, time, temperature, acceleration/deceleration, rcf, error display.
- ☆ Special rotor connector which makes it easy to load and unload the rotor.
- ☆ Comprehensive selection of rotors and adapters.
- ☆ Velocity hole provides a way of speed detection.
- ☆ Produced according to national and international safety standard (e.g. IEC 61010).
- ☆ ISO9001, ISO13485, CE international standards are met.
- ☆ \* Selectable: Lid open automatically at the end of run.



### Technical data:

Model	G16000	Motor	Converter motor
Screen	LCD color screen	Motor power	500W
Machine body	Plastic and metal frame	Power supply	AC220V 50Hz 5A
Max. speed	16000rpm	Noise	<55db
Speed accuracy	±20 rpm	Net weight	38kg
Max. RCF	20920xg	Gross weight	55kg
Max Capacity	4x400ml	Dimension	570x460x360mm(LxWxH)
Timer range	1~99min59s	Packing dimension	630 x530 x460mm(LxWxH)
Acceleration / Deceleration rates	1~10		

### Rotor:

	Max. Speed: 15000rpm Capacity: 24x1.5ml/2.2ml Max. RCF: 20920 xg ØxL: 11.2x39mm		Max. Speed: 14000rpm Capacity: 30x1.5ml/2.2ml Max. RCF: 20800xg ØxL: 11.2x39mm
	Max. Speed: 16000rpm Capacity: 12x5ml Max. RCF: 19320 xg ØxL: 14x51mm		Max. Speed : 12000rpm Capacity : 12 x 10ml Max. RCF : 12740xg ØxL: 16.5x78.5mm
	Max. Speed: 10000rpm Capacity: 12x15/10ml Max. RCF: 11840xg ØxL : 16.5x103mm		Max. Speed: 11000rpm Capacity: 6x50ml Max. RCF: 13280 xg ØxL: 29.5x96mm
	Max. Speed: 10000rpm Capacity: 4x100ml Max. RCF: 10934 xg ØxL: 38.2x110mm		Max. Speed : 4000rpm Capacity : 32 x 15ml/10ml/5ml/2ml Max. RCF : 3000xg ØxL: 18 x92mm(15ml) 18 x88mm(10ml)
	Max. Speed : 4000rpm Capacity : 8 x 50ml Max. RCF : 3040xg ØxL: 32x93mm		Max. Speed : 5000rpm Capacity : 4 x 100ml Max. RCF : 4745xg ØxL: 42.5x100mm
	Max. Speed : 4000rpm Capacity : 4 x 250ml Max. RCF : 2990xg ØxL: 63.5x90mm		Max. Speed : 4000rpm Capacity : 4 x 400ml Max. RCF : 3280xg ØxL: 79x100mm

\*: Share same rotor body