

TG16MW benchtop high speed centrifuge

This centrifuge has exquisite design as for the machine volume is only 380*260*310mm, but centrifuge Rcf can up to 18780 xg, and centrifugal flux can up to 12*10ml. The size is less than HR/T16MM, but the capacity is larger. This item is one of the smallest high speed centrifuge.



characteristic:

1. It adopts Infineon's single-chip microcomputer and Infineon's drive module, cooperates with independent research and development control board and high-torque DC brushless motor, with the fastest lifting speed of 25 seconds, stable operation and low noise, providing a comfortable laboratory environment.
2. It has many early warning functions such as overspeed, over temperature, unbalance, under pressure and overpressure, three-stage damping and shock absorption, special combination damping device, which makes the motor run safely and reliably, prevent the sample from resuscending and achieve excellent centrifugal effect. .
3. Use TFT-LCD true color display, with touch screen button and physical button dual operation mode, also has special button for centrifugal force display, display setting parameters and running parameters at the same time, parameters can be changed at any time during operation, no need to stop, the operation interface is intuitive, simple and easy to use; the operation menu is available in multiple languages (Currently Chinese, English, Russian, Portuguese).
4. Bio-safety airtight angle rotor adopts silicone rubber integral sealing ring (EU RoHS 2015/863), which can avoid aerosol spillage and fully guarantee the safety of workers

and laboratory environment.

5. Rear austenitic 304 stainless steel centrifugal chamber with all-steel spray-coated outer casing, one-piece stamped steel front face and three-layer steel protective cover, etc., which are sturdy and durable, ensuring the safety of workers and laboratories. .

6.100V-230V wide voltage design, improve the range of the centrifuge's voltage (optional).

7. It is a high-speed centrifuge with small size and multiple uses, saving lab limited bench space.

8. The mute electromechanical motor lid lock is easy to use. Simply close the lid, the lock system will be triggered and the lid will be locked safely.

9.10 speed acceleration and 10 speed reduction rate control, can store 20 sets of user-defined programs, easy to call common programs, boot to the last used program.

10. Multi-standard aviation forged aluminum rotor applicable for 1.5mL to 10mL centrifuge tubes.

11. It has CFDA filing and CFDA production qualification, and has passed ISO 9001 certification and ISO 13485 certification.

Technical Parameters	
Model Name	TG16MW
Max Speed (r/min)	16500
Max Rcf (xg)	18780
Max Capacity	12x10 ml
Timer	1-99h59min
Run Program	20 sets
Control and drive system	AC converter motor, microcomputer control
Total Power	350 w
Noise	≤60dB
Power supply	AC220V 50Hz
Net Weight	17 Kg
Size (LxWxH)	380x260x310mm

Matched Rotor Parameter:

Product name	Capacity	Max speed(r/min)	Max Rcf(xg)
Angle rotor	12x1.5/2.0 ml	16500	18780
	24x1.5/2.0 ml	14000	18220
	10x5 ml	14000	13520
	8x7 ml	14000	12271
	12x10 ml/5ml	12000	13400