

**Features:**

1. Using advanced and reliable Infineon vector sine wave drive system, it can precisely control the speed, time and relative centrifugal force;
2. Brushless and maintenance-free frequency conversion induction motor, speed range 100-15000rpm, accuracy ± 10 rpm;
3. Centrifugal speed and centrifugal force can be adjusted in steps of 10rpm/10 \times g, time control: 1-99 minutes or 1-99 seconds, accuracy ± 1 second/instantaneous centrifugation (flash), press and hold to achieve fast and convenient centrifugation;
4. High-strength host and rotor materials can resist various chemical corrosion, have sealing performance and unlimited high-temperature disinfection function;
5. Stainless steel chamber, strong structure, suitable for continuous use, electronic door lock, easy to open the cover, automatic locking cover to ensure the safety of the experiment;
6. Single large-size LED digital liquid crystal display, the operating parameters are clear and clear, and a separate Speed/Rcf conversion button is convenient for checking the relative centrifugal force at any time;
7. Single-button rotary control, you can quickly change parameters;
8. Equipped with rotor automatic ID identification function to make multi-rotor high-speed models safer and more convenient to use, door cover protection, overspeed and unbalance detection system, which can monitor the centrifugation process in real time to ensure the safe operation of the instrument, the end of operation, errors and occurrences When it is unbalanced, the sound signal will prompt, and the operation will stop at the same time, and the LED will display the result code;
9. The centrifuge cover is automatically opened after centrifugation to prevent the sample from overheating and to facilitate taking and placing the sample;
10. A sealed angle rotor is equipped with a rotor cover to prevent staff from being contaminated by samples
11. Forced ventilation cooling and excellent air heat exchange technology can significantly and effectively reduce the temperature rise of the rotor to ensure that the sample is not damaged. After the centrifugation is completed, the centrifuge door is automatically opened to prevent the sample from overheating and to facilitate taking and placing the sample;
12. There is an isolation layer outside the centrifugal chamber, which can fully absorb noise, reduce vibration, and give the experimenter a sense of tranquility;

Specification

Model

power supply	AC 230V /50~60Hz
Input power [W]	450W
Maximum capacity [ml]	50ml (5ml×10)
Speed range [r/min.]	100 ~ 15000 rpm / speed increase by 10rpm
Maximum relative centrifugal force [×g]	20375 / relative centrifugal force step by 10×g
Effective centrifugation time	1 - 99 minutes / 1-99 seconds; two modes are optional; accuracy ±1 second
drive motor	Maintenance-free brushless variable frequency induction motor
Rotor Automatic Identification System	Have
Dimensions: length x width x height [mm]	280 × 360 × 250
Weight (without rotor)[Kg]	17
Noise level at maximum speed (≈)	≤ 53dB(A)
Fastest acceleration time [sec]	15
Fastest deceleration time [sec]	18
Interference Suppression Standard	EN 61010-1, EN 61010-2-020, EN 61326-1, EN 61010-3-2/A2

M15G

Ordering Information

M15G-15090	M15G High speed centrifuge with Standard rotor M15G-A-1
M15G-15091	M15G-A-1 (Angle-rotor / with sealing cover 2.2/1.5ml×24 holes)
M15G-15092	ΦM15G-A-2 (Φ1.5mm×L75mm Capillary ×24/rotor)
M15G-15093	M15G-A-3 (Angle-rotor / with sealing cover 5ml×10 holes)
M15G-15094	M15G-A-4 (Strip tube rotor/ with sealing cover 0.2ml×8 holes×4 strip)
M15G-15095	M15G-A-5 (Angle-rotor / with sealing cover 0.5ml×36 holes)
M15G-15096	M15G-AP-1 (Adapter 0.5ml×24pcs /Standard M15G-A-1)
M15G-15097	M15G-AP-2 (Adapter 0.2ml×24pcs /Standard M15G-A-1)
M15G-15098	M15G-P-1 (Capillary sealing wax board/Standard M15G-A-2)
M15G-15099	M15G-P-2 (Capillary reading card/Standard M15G-A-2)

Rotors

 <p>#1 角式转头 M15G-A-1</p> <p>单管容量：1.5/2.2ml 总离心容量：1.5/2.2ml×24 Max. Speed:15000rpm Max .Rcf:20375×g</p>	 <p>#2 角式转头 M15G-A-2</p> <p>∅1.5mm×75mm长 血比容毛细管×24 Max. Speed:12000rpm Max .Rcf:15455×g</p>	 <p>#3 角式转头 M15G-A-3</p> <p>单管容量：5ml 总离心容量：5ml×10 Max. Speed:13500rpm Max .Rcf:12920×g</p>	 <p>#4 角式转头 M15G-A-4</p> <p>PCR管转头0.2ml×8 总离心容量：0.2ml×8×4 Max. Speed:14800rpm Max .Rcf:16200×g</p>
 <p>#5 角式转头 M15G-A-5</p> <p>单管容量：0.5ml 总离心容量：0.5ml×36 Max. Speed:13500rpm Max .Rcf:13250×g</p>	 <p>M15G-AP-1 0.5ml×24</p> <p>适配器</p>  <p>M15G-AP-2 0.2ml×24</p>	 <p>毛细管封蜡板</p> <p>M15G-P-1</p>	 <p>毛细管读数卡</p> <p>M15G-P-2</p>