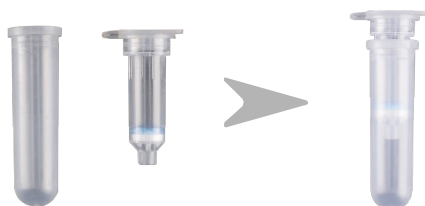


M15G Benchtop high speed micro centrifuge

Features

- Smaller volume, saving laboratory space.
- Innovative structural design , noise (Max speed) $\leq 53\text{dB}$.
- Individual "Flash" button to achieve fast and convenient centrifugation.
- 5 kinds of angle rotor can be exchanged and it can be meet the experimental required.
- Make the acceleration and deceleration more fast , acceleration $\leq 15\text{seconds}$, deceleration $\leq 18\text{seconds}$.
- Forced air cooling technology, reduce the temperature significantly and effectively and ensure sample safety.
- Automatic ID recognition system ensured the safety and efficiency of the experiment.



#1角式转头可搭配“离心分离柱离心管”来使用膜技术的核酸抽提试剂盒。

1 angle rotor can match up "centrifugal separation column centrifuge tube" to use membrane technology nucleic acid extraction kit.

产品简介/Introduction

- Using advanced and reliable Infineon control system, it can be control the speed, time and RCF accurately.
- Brushless frequency induction motor with free of maintenance, wider range of speed range 100-15,000rpm , Accuracy $\pm 10\text{rpm}$.
- The increment of RPM and RCF is 10rpm/10 $\times g$. time setting range is 1-99mins or 1-99 seconds, Accuracy $\pm 1\text{ second}$ / 1 "Flash" button to achieve fast and convenient centrifugation.

- The high-strength material of machine and rotor can be resist a variety of chemical corrosion. The rotor with the sealing performance and unlimited high temperature autoclave performance.
- High-strength material of chamber, strong structure, suitable for continuous working. Electronic lid lock, lid opened easily, automated locking ensures the safety experiment.
- Large-size LED digital display show the operating parameters clearly, the Speed / Rcf parameter can be set separated and mutual conversion button, view the Rcf easily.
- Single-button rotation control, changed the parameters quickly.



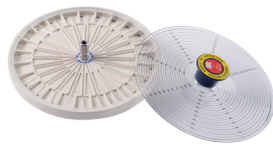


#1 Angle-Rotor
M15G-A-1

Single tube volume:
1.5/2.2ml

Total volume:
1.5/2.2ml×24
Max. Speed: 15000rpm

Max .Rcf:20375×g



#2 Angle-Rotor
M15G-A-2

Single tube volume:50μl

Total volume:50μl×24

Max. Speed:12000rpm

Max .Rcf:15455×g



#3 Angle-Rotor
M15G-A-3

Single tube volume:5ml

Total volum:5ml×10

Max. Speed:13500rpm

Max .Rcf:12920×g



#4 Angle-Rotor
M15G-A-4

PCR rotor:0.2ml×8

Total volum:0.2ml×8×4

Max. Speed:14800rpm

Max .Rcf:16200×g



#5 Angle-Rotor
M15G-A-5

Single tube volume:
0.5ml

Total volume: 0.5ml×36
Max. Speed: 13500rpm

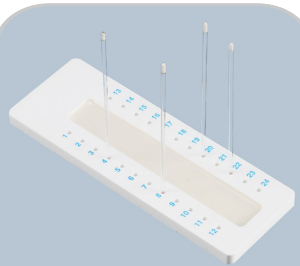
Max .Rcf:13250×g



M15G-AP-1
0.5ml×24

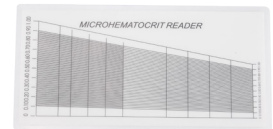
Adapter

M15G-AP-2
0.2ml×24



Capillary
sealing wax

M15G-P-1



Capillary reading card

M15G-P-2

- Automatic open the lid after centrifuging, prevent the sample overheating and pick and place samples easily.

- Include the sealing cover for the angle-rotor, Prevent staff contaminating from samples.

- Forced air cooling technology improve efficiency for the heat exchange,.Ensure the temperature-sensitive sample safety.Automatic open the lid after centrifuging, prevent the sample overheating and pick and place samples easily.

- The isolation layer include the outside of centrifuge chamber, it can be fully absorbed noise, reduce vibration, to provide the staff a quiet experiment.

- The automatic ID recognition system will keep the machine with safe operation.Include the lid protection, overspeed protection, Over-voltage over-current protection and imbalance detection system . can be real-time monitoring of the centrifugal process,ensure the safety operation of the instrument, the sound signals when finish the operation and error showing , Also stop running at the same time, LED display show the error code.

Host Parameters

Model	M15G
Input Voltage	AC230V/50 ~ 60Hz
Input Power [W]	450W
Max Load capacity [ml]	50ml(5ml×10)
Speed range [r/min.]	100~15000/Speed increment 10rpm
Max RCF [×g]	20375/RCF increment 10×g
Centrifugation Time	1-99minutes /1-99seconds ; 2 mode selectable ; accuracy±1seconds
Drive motor	Brushless frequency induction motor with free of maintenance
Automatic head recognition system	Yes
Dimension Length × width × height [mm]	280×360×250
Wight [Kg]	17
The noise of Maximum speed (≈)	≤53dB(A)
Maximum acceleration [sec]	15
Maximum deceleration[sec]	18
Testing standard	EN 61010-1 , EN 61010-2-020 , EN 61326-1 , EN 61010-3-2/A2 Tips : Ambient temperature 23°C / at23°C ambient temperature

Rotor Parameter Description

Model	Rotor	Volume (ml×tube)	Max speed (r/min.)	RCF (×g)	Tube type
M15G-A-1	#1 Angle-Rotor	1.5/2.2×24	15000	20375	Cone-Bottom Tube
M15G-A-2	#2 Angle-Rotor	Capacity tubes×24	12000	15455	Φ1.5mm×75mm
M15G-A-3	#3 Angle-Rotor	5×10	13500	12920	Round-Bottom Tube
M15G-A-4	#4 Angle-Rotor	PCR rotor 0.2×8×4	14800	16200	Cone-Bottom Tube
M15G-A-5	#5 angle-Rotor	0.5×36	13500	13250	Cone-Bottom Tube

Ordering information

Code No	Part No	Configuration information
M15G-15090	M15G	Machine
M15G-15091	M15G-A-1	Angle-rotor / with sealing cover 2.2/1.5ml×24 holes Optional
M15G-15092	M15G-A-2	Angle-rotor sealing cover 50μl×24 Optional
M15G-15093	M15G-A-3	Angle-rotor / with sealing cover 5ml×10 holes Optional
M15G-15094	M15G-A-4	Strip tube rotor/ with sealing cover 0.2ml×8 holes×4 strip Optional
M15G-15095	M15G-A-5	Angle-rotor / with sealing cover 0.5ml×36 holes Optional
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/ 1
M15G-15099	M15G-P-2	Capillary reading card/Standard M15G-A-2/ 1