

# HR/T16MM微量高速冷冻离心机

## HR/T16MM Micro High Speed Refrigerated Centrifuge

### 特性

- 国内体积最小的高速冷冻离心机之一，节约实验室有限的空间。
- TFT真彩大屏幕触控液晶显示，智能化控制，可触摸/按键两种操作模式同时控制。
- 采用大力矩无刷变频电机，控制采用Microchip公司的dsPIC30F系列单片机控制，电机驱动采用FAIRCHILD公司的FSBB30CH系列专用驱动模块，保证了电路的高可靠性。
- 待机冷却功能，在待机状态下也可持续制冷。
- 设有离心力显示专用键。点动功能，短暂离心。
- 采用静音机电一体化电机门锁。
- 独特的制冷系统，确保最高转速下温度保持在4℃以下。
- 可提供20种工作模式选择，可自由编程、调用。
- 10档加速/减速速率控制，最快升降速25秒。

### Features

- One of China's smallest high-speed centrifuges, it can help save the limited room of the lab.
- With TFT true-color LCD widescreen touch monitor featured by intelligent control, touchable/push-button operation models for simultaneous control.
- Using a brushless motor with high torque and variable frequency which is controlled by an SCM of Microchip's dsPIC30F series and driven by a special driver module of FAIRCHILD'S FSBB30CH Series to ensure the circuit's reliability.
- Standby and cool-down function to ensure constant refrigeration when the machine is in standby.
- With a dedicated key indicating the centrifugal force which has the inching function for momentary centrifugation.
- With a motor gate lock mute mechanical & electrical integration.
- Unique refrigeration system to ensure the temperature at the maximum rotation speed remain below 4℃.
- Able to provide 20 kinds of operating modes for the user to programme and use freely.
- With 10 levels for speed-up and speed-down control, the optimal speed-up and speed-down time is 25 seconds.

### 可选配件 Optional fittings



12 × 1.5/2.0ml



24 × 1.5/2.0ml



### 技术参数 Specification

型号 Model	HR/T16MM
最大容量 Max Capacity	24 × 1.5/2.0ml
最高转速 Max Speed (r/min)	16500
最大离心力 Max RCF (×g)	18780
标配转子 Standard rotor	24 × 1.5/2.0ml
转速精度 Speed precision	± 50r/min
制冷系统 Refrigeration system	进口无氟制冷压缩机组 Import fluoride-free compressor and control valve
温控范围 Temp. control range	-20℃ ~ 40℃
温控精度 Temp. precision	± 1℃
定时范围 Timer range	0-99h59min
噪音 Noise	≤58dB
电源 Power	AV220V 50Hz
外形尺寸 Dimension (L × W × H)	680 × 350 × 300mm

产品名称 Model	容量 Capacity	最高转速 Speed (r/min)	最大离心力 RCF(×g)
角转子 Angle rotor	12 × 1.5/2.0ml	16500	18780
	24 × 1.5/2.0ml	13500	17000