

Type: CHM-24

Bench-top Hematocrit Centrifuge



CE



THE CHM-24 Hematocrit Centrifuge is used for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solutions. Precise control speed and time. Speed range from 200 to 14000r rpm with max. RCF 18260×g for capacity of 24 capillary tubes or 2ml tubes suitable for extraction of DNA and RNA.



Features

- The CHM- 24 satisfies the international safety standards and rules as well as the explosion-proof and bio-safe tests and other requirements for In-Vitro diagnostic equipments (IVD) . It is CE, TÜV certified
- High strength plastic rotor and excellent balance technology to guarantee a quiet and stable operation
- Dual protection casing provides safe and reliable running
- Brushless DC motor drive quickly and effortlessly accelerates the rotor to set speed
- Precise control via CPU controls for speed and time with high accuracy for speed. Time adjustment from 30 seconds to 99 minutes or continuous running
- Gentle braking at low speeds with efficient separation
- Ergonomic design, User-friendly with large LCD display show all parameters for time, rpm or G-force.
- Parameters can be modified after the set speed is reached
- Quick spins are possible by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed.
- Automatic release the lid when operation has stopped to save processing time
- Easy-to-read processing display and sound alert

Specifications

Model	CHM-24
Speed Range	200 to 14000 rpm, increment 10 rpm
Max RCF	18260 x g, increment 10 x g
Accuracy of speed	± 30 rpm
Rotor capacity	24 x hematocrit capillary tubes (12.000 rpm) 24 x 1.5/2.0ml tubes (14.000 rpm)
Time Adjustment	Timer 30 sec to 99 min , HOLD. or Continuous Operation
Display	LCD
Drive	Brushless DC-Motor,
Safety Features	Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis; Automatic rotor identification
Power	AC 220 ~ 240V / 50-60Hz / 1 ph / 5A AC 110 ~ 120V / 50-60Hz / 1 ph / 5A
Noise level	≤60 dB
Acceleration/Braking time	20s↑ 20s↓
Dimensions	280 x 364×266 mm (LxWxH)
Weight	10 kg
Additional Features:	Speed/Acceleration switch; Short-time run function; sound-alert function

Accessories:

		
Rotor P/N	R24-2	R24-C
Max. speed	14000	12000
Max. RCF	18620	13680
Rotor capacity	2ml/1.5ml×24 0.2ml×24 0.5ml×24	24× capillary tubes
Rotor material	High strength plastic	High strength plastic
Adapters	0.2ml : Ad2-02 0.2ml : Ad2-05	High strength plastic



Order Information:

Item No.	Type	Description
0.154.040	CHM-24	Hematocrit Centrifuge, 14000 rpm, with rotor R24-C for 24 x capillary, 100-240V / 50-60Hz
0.154.045	R24-C	Hematocrit rotor kit, 12000rpm, 24 x capillary tubes complete with with a lid & reading disk,
0.154.046	R24-2	Plastic rotor kit, 14000rpm, 24x 2ml/1.5ml complete with lid, fixing clips and O'ring
0.154.047	Ad2-02	2ml to 0.2ml rotor adapter for R24-2, 24pcs/pk
0.154.048	Ad2-05	2ml to 0.5ml rotor adapter for R24-2,, 24pcs/pk

Contact

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