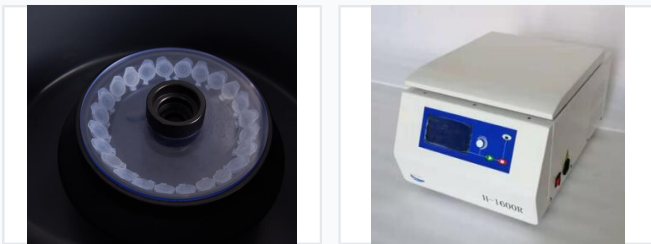


Micro Refrigerated Centrifuge H-1600R

The H-1600R micro refrigerated centrifuge is compact and quiet. It is suitable for use in hospitals, scientific research institutes, colleges, and universities.



ADDITIONAL IMAGES



Overview

High-Performance Micro Refrigerated Centrifuge

The H-1600R is a compact, desk-top micro refrigerated centrifuge engineered for precision in medical, scientific research, and academic laboratory settings. It features a frequency motor for reliable operation, low-noise performance, and an intuitive interface with an LCD display. Designed for versatility, it supports multiple rotor configurations and includes advanced safety features like electronic lid locks and imbalance detection to ensure secure, consistent sample processing.

Performance Metrics

Maximum Speed	17000 RPM
Maximum RCF	24320 xg
Speed Accuracy	30 RPM

Temperature Control

Temperature Setting Range	-20°C to +40°C
Temperature Accuracy	±1°C

Technical Specifications

Maximum Capacity	10/12 x 5ml
Time Range	10s to 9h 59min 59s
Noise Level	65 dB(A)
Motor Type	Frequency motor
Dimensions	560 x 310 x 285 mm
Weight	39 kg
Voltage Supply	AC 110V or 230V 50/60Hz

Key Features

Control System

- Microcomputer control
- Touch panel interface
- LCD display for Speed/RCF and time
- Automatic RCF calculation
- 10 programmable memory settings

Safety Features

Over-speed protection, Imbalance protection, Lid safety lock, Electronic lock, Emergency lid release, Automatic alarm

Rotor Options

No.1  Rotor capacity: 12×1.5/2.2ml Max. speed: 17000r/min Max. RCF: 19380×g	No.2  Rotor capacity: 24×1.5/2.2ml Max. speed: 16000r/min Max. RCF: 24320×g	No.5  Rotor capacity: 48×0.5ml Max. speed: 13500r/min Max. RCF: 13650×g	No.6  Rotor capacity: 4x8×0.2ml PCR strip Max. speed: 15000r/min Max. RCF: 20010×g
No.3  Rotor capacity: 36×1.5/2.2ml 20×5ml Max. speed: 13500r/min Max. RCF: 17320×g	No.4  Rotor capacity: 10/12×5ml Max. speed: 16000r/min Max. RCF: 18000×g		

Various rotor configurations available for different tube sizes and volumes.

Technical specifications for high-speed rotor options.

Available Rotor Configurations

Rotor Type	Capacity	Max Speed (RPM)	Max RCF (xg)
No.1	12 x 1.5/2.2ml	17000	19380
No.2	24 x 1.5/2.2ml	16000	24320
No.3	36 x 1.5/2.2ml / 20 x 5ml	13500	17320
No.4	10/12 x 5ml	16000	18000
No.5	48 x 0.5ml	13500	13650
No.6	4 x 8 x 0.2ml PCR strip	15000	20010