



TM1224

ECONOMICAL HEMATOCRIT CENTRIFUGE

Introduction

TOP INSTRUMENT Economical Hematocrit Centrifuge is used for determination of erythrocyte fractions in blood as well as micro solution separations. It provides hematocrit values (HCT) for testing in biochemistry, immunity, genetics, blood separation and for general. It has special applications for the photometric determination of bilirubin content in neonate blood samples. It is suitable for extraction of DNA and RNA.

Features

- Speed range of 200-12000 rpm Precise and independent.
- control of speed and time.
- Easy operation with intuitive menu and LCD display.
- Maintenance-free brushless DC motor.
- Pulse operation for fast and convenient quick spins.
- Advance features include speed/RCF switch; short-time run function; audible alert function.
- Safety features include door interlock, overspeed detector; over-temperature detector; automatic internal diagnosis and automatic rotor identification.

Technical Parameter

Max. Speed [rpm]	500-12000rpm, increment: 100rpm
Max. RCF [*g]	13680*g
Speed Accuracy [rpm]	± 100
Rotor Capacity	1 type rotor, Hhematocrit rotor: 24*capillary tubes (12000rpm)
Run Time	10sec-99min-HOLD (Continuous operation)
Driving Motor	Brushless DC motor
Safety Devices	Door interlock
Power	Single-phase, 200V-240V, 50Hz/60Hz, 5A; 380W
Noise level [dB]	≤ 60
Acceleration /Braking time [Sec]	40s ↑ 40s ↓
Dimensions [mm]	(L)280*(W)364*(H)213
Weight	10kg
Additional Features	Speed/RCF switch; Short-time run function; sound-alert function