D1524R

High-speed Refrigerated Micro Centrifuge



Applications

Ideal for centrifugation of temperature sensitive samples, such as live cells, animals or proteins. It allows them to be used in a multitude of applications, including pelleting of DNA and RNA samples, pelleting of PCR amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cell debris from cell homogenates, and achieving bacterial and yeast cell fractionation.





Features

- Electronic Magnetic door locking system – the lid can be closed with one hand soft touch
- Precooling, the compressor automatically starts cooling as long as the set temperature is lower than the ambient temperature
- Sound indicator at the end of running.
- Temperature range -20℃ to 40℃
- Short pre-cooling time of only 7minutes from room temperature to 4℃
- Up to 9 program storage capacity
- 3-layer sealed rotors ensure safe centifugation
- High-strength aluminum alloy rotor can be fully autoclavable at 121℃
- Rotor imbalance detection alarm
- Adjustable acceleration/deceleration at 9 levels allows gentle braking at low speed for better separation
- Five rotors with 0.2mL, 0.5mL, 1.5mL, 2mL and 5mL centrifuge tubes/ PCR tubes capacity
- An external condensation tank prevents water accumulation within centrifuge chamber

Specifications	D1524R
Max. Speed	15,000rpm (200–15,000rpm) in 100rpm increments.
Max. RCF	21,380 × g, step: 10 × g
Capacity	1.5/2mL × 24,0.2/0.5mL × 36, PCR-8 strips × 4,5mL × 12,5mL × 18
Temperature setting	−20℃– 40℃
Run Time	30s–99 min; HOLD (continuous running)
Acceleration and deceleration time	25s↑25s↓
Motor Type	Brushless DC motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single-phase，100–120V/200–240V, 50Hz/60Hz.500W
Noise	≤56dB
Dimensions[WxDxH]	332 × 553 × 283mm
Weight	30kg
Certification	CE cTÜVus FCC
Other functions	Rotation speed/RCF switchover, inching operation, running processindicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.