

D2012 Plus

High Speed Mini Centrifuge

Features

- Pulse operation for fast and convenient quick spins
- Speed up to 15000rpm (15100×g)
- Brushless DC motor drive quickly to the target speed
- Smooth and quiet operation (noise ≤54dB)
- Automatic lid-lock and over-speed detection
- Passed rigorous explosion-proof test, certified with CE, cTUVus, FCC



Brushless DC motor



LCD display

Applications

Microcentrifuges are mainly used in molecular biology laboratories for Plasmid extraction; Nucleic acid purification; Pre-sequencing processing and other applications including extracting of DNA/RNA samples, sedimentation biological components, biochemical and chemical analyses of microsamples.

Available rotors



A12-2P

Cat.NO.19400175

Max. speed: 15000rpm
 Max. RCF: 15100×g
 Rotor capacity:
 2mL/1.5mL×12, 0.2mL×12,
 0.5mL×12
 Rotor material: High strength plastic
 Available rotor adapters: A02P2, A05P2



Available adapters

A02P2

Cat. No.19500001

0.2mL rotor adapter
 Used with A12-2, A12-2P,
 AS24-2 and A24-2P
 rotors 24 pcs/pk



A05P2

Cat. No.19500002

0.5mL rotor adapter
 Used with A12-2, A12-2P,
 AS24-2 and A24-2P
 rotors 24 pcs/pk



| Specifications | D2012 plus |
|---------------------------|--|
| Max. Speed | 15000rpm(500-15000rpm), increment: 100rpm |
| Max. RCF | 15100×g, increment: 100×g |
| Speed Accuracy | ±20rpm |
| Rotor Capacity | 0.2mL/0.5mL/1.5mL/2mL×12 |
| Run Time | 30sec-99min/Continuous |
| Acceleration/Braking time | 11s ↑ /9s ↓ |
| Driving Motor | Brushless DC motor |
| Safety Devices | Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis |
| Power Requirements | Single-phase, AC100V-240V, 50Hz/60Hz, 3A100W |
| Noise level | ≤54dB |
| Dimension[D×W×H] | 255×245×140mm |
| Weight | 6kg |
| Other functions | Speed/RCF switch, Short-time run function, sound-alert function |