

# 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, cTÜVus, FCC

### 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.



Brushless DC motor



LCD display

### Available rotors



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
Certification	EMC CE FCC ICES cTÜVus CB
Other functions	Speed/RCF switch, Short-time run function, sound-alert function

#### A12-2P

Cat.NO.19400010

#### for D2012plus only

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

