TECHNICAL DATA SHEET

ALab™ D1012UA High-Speed Palm Micro Centrifuge

High-speed palm micro centrifuge · Max. speed 10000rpm · Max. RCF 6708×g (1.5/2mL) · weight 1.5kg



ALab™ D1012UA High-Speed Palm Micro Centrifuge

The ALab™ D1012UA High-Speed Palm Micro Centrifuge; image shown for reference.

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SECTION I

Product Overview

This centrifuge is ideal for quick spins, microfiltration of samples, cell separations and many other routine laboratory procedures. The D1012UA reaches 10000rpm (6708×g with 1.5/2mL tubes; 6596-7490×g with PCR 8-tube strips), takes 12×0.5/1.5/2mL tubes + 4×0.2mL PCR 8-tube strip or 44×0.2mL PCR tubes, runs from 10s to 20min and weighs only 1.5kg. The OLED display may switch between speed and time.

SECTION II

Core Advantages

- **Max. speed** — 10000rpm
- **Weight** — 1.5kg
- **Display** — OLED
- **Power** — AC100-240V/50Hz/60Hz, 40W
- **Max. RCF** — 6708×g (1.5/2mL)
- **Run time** — 10s-20min
- **Driving motor** — DC motor
- **Noise level** — ≤58dB

SECTION III

Specifications

Technical data — D1012UA

Specifications	
Brand	ALab™ by ACS Material
Model	D1012UA
SKU #	ALD12U00
Product Type	High-speed palm micro centrifuge
Speed range	2000-10000rpm, increment: 1000rpm
Max. RCF	6708×g (1.5/2mL); 6596-7490×g (PCR8 strips)
Rotor capacity	44×0.2mL PCR tubes; 12×0.5/1.5/2mL tubes + 4×0.2mL PCR 8-tube strip
Run time	10s-20min
Display	OLED
Acceleration/deceleration	1 up / 2 down
Driving motor	DC motor
Power	AC100-240V/50Hz/60Hz, 40W
Noise level	≤58dB
Dimension (D×W×H)	210×180×130mm
Weight	1.5kg

Rotor and adapters

Accessory	Cat. No.	Description
FA12-2P rotor	—	Standard rotor of the D1012UA; 12×2mL.
SA02P2 adapter	19400132	Available adapter. 0.2mL rotor adapter, used with the FA12-2P rotor; 12 pcs/pk.
SA05P2 adapter	19400133	Available adapter. 0.5mL rotor adapter, used with the FA12-2P rotor; 12 pcs/pk.

Listed by Cat. No. for reference; not selectable in the order menu.

Scope of delivery

- Main unit: ALab™ D1012UA High-Speed Palm Micro Centrifuge
- Standard rotor: FA12-2P (12×2mL)

SECTION IV

Applications

The D1012UA is for quick spins, microfiltration of samples and cell separations at the bench: up to 10000rpm with 1.5/2mL tubes and PCR 8-tube strips in one run, or 44 single 0.2mL PCR tubes. 0.2mL and 0.5mL tubes use the SA02P2 and SA05P2 adapters with the FA12-2P rotor.

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