TECHNICAL DATA SHEET

ALab™ DM0436E Low-Speed Centrifuge

Low-speed centrifuge · Max. speed 3500rpm · Max. RCF 2260×g · horizontal rotors 5



ALab™ DM0436E Low-Speed Centrifuge

The ALab™ DM0436E Low-Speed Centrifuge; image shown for reference.

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SECTION I

Product Overview

The DM0436E centrifuge is ideal for chemistry, cytology, research laboratories and industrial laboratories. It is suitable for tubes with caps, blood collection or urine tubes. Five horizontal rotors are available for selection (12×10mL+12×15mL; 12×15mL; 6×50mL; 36×7mL; 2×Microplate), the speed range is 100-3500rpm in 100rpm steps, and both timed and continuous operation modes are supported.

SECTION II

Core Advantages

- **Max. speed** — 3500rpm
- **Horizontal rotors** — 5
- **Display** — LCD
- **Motor type** — Brushless DC motor
- **Max. RCF** — 2260×g
- **Speed accuracy** — ±20rpm
- **Noise level** — ≤55dB
- **Enclosure protection class** — IP20

SECTION III

Specifications

Technical data — DM0436E

Specifications	
Brand	ALab™ by ACS Material
Model	DM0436E
SKU #	ALD36E00
Product Type	Low-speed centrifuge
Max. speed	100-3500rpm, increment 100rpm
Max. RCF	2260×g
Speed accuracy	±20rpm
Rotor capacity	12×10mL+12×15mL; 12×15mL; 6×50mL; 36×7mL; 2×Microplate
Time setting range	30s-99min59s/Continuous
Display	LCD
Noise level	≤55dB
Motor type	Brushless DC motor
Acceleration/deceleration	1 up / 6 down
Enclosure protection class	IP20
Voltage	Single-phase, 100-240V
Frequency	50/60Hz
Power	170W
Dimensions [L×W×H]	481.5×414×253.5mm
Weight	15kg
Ambient temperature and humidity	5-40°C, 80% RH
Safety performance	Running process display, status diagnostic system, sound alert function

Rotors

Accessory	Cat. No.	Description
SE12-25 horizontal rotor	19400272	Available rotor. Capacity 12×10mL+12×15mL; max. speed 3500rpm; max. RCF 2260×g; stainless steel.
SE12-15 horizontal rotor	19400271	Available rotor. Capacity 12×15mL; max. speed 3500rpm; max. RCF 2260×g; stainless steel.
SE6-50 horizontal rotor	19400270	Available rotor. Capacity 6×50mL; max. speed 3500rpm; max. RCF 2260×g; stainless steel.
SE36-7 horizontal rotor	19400273	Available rotor. Capacity 36×7mL; max. speed 3500rpm; max. RCF 2260×g; stainless steel.
SE2-MP microplate rotor	9025001134	Available rotor. Capacity 2×microplate; max. speed 2500rpm; max. RCF 1150×g; stainless steel.

All five rotors are printed as available for selection. Listed by Cat. No. for reference; not selectable in the order menu.

Scope of delivery

— Main unit: ALab™ DM0436E Low-Speed Centrifuge

— Rotors: five available rotors, see the rotor table (listed by Cat. No.)

SECTION IV

Applications

The DM0436E is listed for chemistry, cytology, research laboratories and industrial laboratories, for tubes with caps, blood collection or urine tubes. Its five horizontal rotors cover 7mL to 50mL tubes and microplates (SE2-MP: 2500rpm, 1150×g).

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