TECHNICAL DATA SHEET

ALab™ DM0306 Low-Speed Centrifuge

Low-speed centrifuge · Max. speed 3400rpm · Max. RCF 1600×g · rotor capacity 6×3-10mL



ALab™ DM0306 Low-Speed Centrifuge

The ALab™ DM0306 Low-Speed Centrifuge; image shown for reference.

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SECTION I

Product Overview

The DM0306 is widely used in clinical practice and is an ideal choice for serum and plasma sample separation in biochemical and medical laboratories. It is the main instrument for sample pretreatment in clinical laboratories, blood banks, medical schools, and medical research institutions. The rotor supports 6×3-10mL blood collection tubes at a maximum speed of 3400rpm (1600×g), and the electronic timer has a time setting range of 0.5-30 minutes or continuous operation.

SECTION II

Core Advantages

- **Max. speed** — 3400rpm
- **Rotor capacity** — 6×3-10mL
- **Maximum acceleration time** — <10s
- **Timer display** — LED
- **Max. RCF** — 1600×g
- **Maximum speed** — 3400rpm
- **Maximum deceleration time** — <20s
- **Time setting range** — 0.5-30min/Hold

SECTION III

Specifications

Technical data — DM0306

Specifications	
Brand	ALab™ by ACS Material
Model	DM0306
SKU #	Parent ALD3060F; ALD30600 (115 V, 60 Hz), ALD30601 (200 to 240 V, 50/60 Hz)
Product Type	Low-speed centrifuge
Maximum speed	3400rpm
Maximum relative centrifugal force	1600×g
Rotor capacity	6×3mL-10mL blood collection tube
Maximum acceleration time	<10s
Maximum deceleration time	<20s
Timer display	LED
Time setting range	0.5-30min/Hold
Speed up/down gear	1 up / 3 down
Motor type	AC fixed frequency brushless motor
Shell protection level	IP20
Noise level	≤63dB
Voltage	115 V, 60 Hz (ALD30600) or 200 to 240 V, 50/60 Hz (ALD30601); separate versions
Power	80W
Protection circuit breaker	4A, replaceable
Size [L×W×H]	359×318×222mm
Weight	5.3kg
Ambient temperature and humidity	5-40°C, 80% RH
Security performance	Door lock protection, manual door lock can be unlocked. Passed a rotor burst test.

Rotor

Accessory	Cat. No.	Description
SE6-10P rotor	19400145	Rotor for the DM0306. Capacity 6×10mL (6×3-10mL blood collection tubes); max. speed 3400rpm; max. RCF 1600×g; high strength plastic.

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

Scope of delivery

— Main unit: ALab™ DM0306 Low-Speed Centrifuge, 115 V or 200 to 240 V version as selected

SECTION IV

Applications

The DM0306 is listed for serum and plasma sample separation in biochemical and medical laboratories and for sample pretreatment in clinical laboratories, blood banks, medical schools, and medical research institutions. It runs one rotor, the SE6-10P (6×10mL, 3400rpm, 1600×g), and blood collection tubes of 3mL-10mL.

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