

DM0412 series

DLAB DM0412 & DM0412S clinical centrifuges support small volumes applications. The centrifuges are supplied with an angle rotor that can hold up to 15mLx8 or 10mL/7mL/5mLx12 vacuum tubes.

They are widely used in medical and veterinary practices for the centrifugation of blood and urine samples in qualitative analysis of water and soil samples. These centrifuges are also used in universities and other research institutes

DM0412 Clinical Centrifuge

Features:

- Easy programming to achieve high accuracy of speed control
- Easy operation with intuitive menu and easy-to-read display
- Rotor speed can be set and displayed by RPM or G-force
- Maintenance-free brushless DC motors
- Pressing and holding PULSE key for quick spin function
- Lid with electric lock and automatic release function saves processing time and prevents samples overheating
- Automatic self-diagnosis on startup showing accumulative running time and last running parameters

DM0412S Economical Clinical Centrifuge

Features:

- speed range of 300-4500rpm
- Individual control of speed and time
- Faster acceleration and deceleration
- Perfectly suitable for 15ml cell culture tubes and a full line of collection tubes





CE FC



Specifications

| | DM0412 | DM0412S |
|---------------------------|--|--|
| Speed range | 300-4500rpm, increment: 100rpm | 300-4500rpm, increment:100rpm |
| Max. RCF | 2490×g | 2490×g |
| Speed accuracy | ±20rpm | ±100rpm |
| Rotor Capacity | 1 type | 1 type |
| Run Time | 30sec-99min HOLD(Continuous operation) | 1sec-99min HOLD(Continuous operation) |
| Motor | Brushless DC motor | DC motor |
| Display | LCD | LED |
| Safety Devices | Door interlock,Overspeed detector; Automatic internal diagnosis | Door interlock,Over-speed detection |
| Acceleration/Braking time | 20s ↑ 13s ↓ | 23s ↑ 23s ↓ |
| Power | Single-phase, 110V-240V,50Hz/60Hz, 3A 70W | Single-phase,220V-240V,50Hz/60Hz, 3A;110V-120V,50Hz/60Hz, 3A 70W |
| Dimension[WxDxH] | 301×354×217mm | 301×354×217mm |
| Weight | 6kg | 6kg |
| Certification | CE, UL, IVD | - |
| Advanced features | Speed/RCF switch;Short-time run function; sound-alert function | sound-alert function |



DM0412 series | Rotors and Adapters

Available rotors



Cat. No. 19200348

A12-10P











for DM0412 & DM0412S

Max. speed: 4500rpm

Max. RCF: 2490×g

Rotor capacity: 8x15ml, 12x10ml

Rotor material: High strength plastic

| Available tubes | Tube quantity | Dimension (ΦL mm) | Adapters | Maximum speed(rpm) | Radius (cm) | Maximum RCF (×g) |
|---|---------------|-------------------|---|--------------------|-------------|------------------|
| 15mL con  | 8 | 17×120 | | 4500 | 11 | 2490 |
| 1.5-5mL vacu  | 12 | 13×75 | A10P15 & Plug  | 4500 | 9.8 | 2218 |
| 4-7 mL vacu  | 12 | 13×100 | A10P15  | 4500 | 11 | 2490 |
| | | 16×75 | | | 9.8 | 2218 |
| 8.5-10 mL vacu  | 12 | 16×107 | | 4500 | 11 | 2490 |
| 2.7-3 mL(EU) collection tube  | 12 | 11×66 | A10P15 & Plug  | 4500 | 9.8 | 2218 |
| 7.5-8.2 mL(EU) collection tube  | 12 | 15×92 | A10P15  | 4500 | 11 | 2490 |

Note: Made of plastic, A12-10P rotor cannot be autoclaved or applied with UV irradiation. Regular sterilization is recommended.





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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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