

Centrifuge

Mini High Speed Centrifuge

Features & Benefits

- Dual door interlock
- Over speed detection
- Over temperature detection
- Automatic internal diagnosis
- Short run time function
- Sound alert function
- Automatic release of the lid when the rotor stops (non-refrigerated only)
- Multi-Flow air cooling design



400.003.205 Mini High Speed Centrifuge



Refrigerated Model

- Lid remains closed when the rotor stops
- Pre-cooling system provides cool down prior to operation
- Powerful and efficient cooling system
- Cools down chamber to 2°C in 7 minutes!
- Unique cooling system design minimises rotor heating to less than 10°C after running for 1 Hour.

Display

- Rotating speed symbol indicates the centrifuge is running
- Speed is shown in RPM or G Force
- Timer is divided into 10 sections and displays the ratio of running to set time
- Self-Diagnostic check when switched on, the centrifuge will then display the accumulative running time and the last set parameters
- Short spin function, by holding the PULSE button



400.003.210 Mini High Speed Centrifuge Refrigerated

Rotor Features

- Manufactured from military-industrial-grade aluminium alloy
- Fully autoclavable
- Rotors are seated on a tapered shaft, concentric and self aligning, for running stability at high speeds

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Mini High Speed Centrifuge

Technical Specifications:

| | | |
|---------------------------|---|-------------------|
| Product Code | 400.003.205 | 400.003.210 |
| Maximum Speed | 15,000rpm | |
| Speed Range | 200 to 15,000rpm (10rpm increments) | |
| Maximum RCF | 21,380 x G | |
| Speed Accuracy | ±20rpm | |
| Temperature Range | N/A | -20°C to 40°C |
| Run Time | Timer 30 seconds – 99 minutes Continuous | |
| Driving Motor | DC Brushless Motor | |
| Power | 240V/60Hz | |
| Noise Level | ≤ 58 dB | ≤ 56 dB |
| Acceleration/Braking Time | 25 seconds / 25 seconds | |
| Dimensions | 280 x 364 x 266mm | 338 x 580 x 324mm |
| Weight | 12kg | 30kg |



400.003.205 with 400.003.221 Rotor
(tubes not supplied)

Ordering Information:

| Product Code | Description | Pack Size |
|--------------|--|-----------|
| 400.003.205 | Centrifuge supplied with 400.003.221 Rotor | Each |
| 400.003.210 | Centrifuge Refrigerated supplied with 400.003.221 Rotor | Each |

Accessories

Technical Information:

| | | | | |
|--------------------|-----------------|--|---------------------------|-----------------------------|
| Rotor Product Code | 400.003.220 | 400.003.221 | 400.003.222 | 400.003.223 |
| Maximum Speed | 15,000rpm | | | |
| Maximum RCF | 15,100 x G | | | |
| Capacity | 5mL x 18 | 1.5mL / 2mL x 24 0.2mL* x 24 0.5mL* x 24 | 0.2mL* x 36 0.5mL x 36 | 0.2mL/PCR Strip of 8 x 4 |
| Material | Aluminium Alloy | | | |

*Adapters required



400.003.210 Refrigerated



400.003.220 Rotor 5mL x 18



400.003.221 Rotor 0.2/0.5/1.5/2mL x 24



400.003.222 Rotor 0.2/0.5mL x 36

Ordering Information:

| Product Code | Description | Pack Size |
|--------------|--|-----------|
| 400.003.220 | Rotor Aluminum for 5mL x 18 | Each |
| 400.003.221 | Rotor Aluminum for 0.2/0.5/1.5/2mL x 24 (adapter required for 0.2/0.5mL) | Each |
| 400.003.222 | Rotor Aluminum for 0.2/0.5mL x 36 (adapter required for 0.2mL) | Each |
| 400.003.223 | Rotor Aluminum for PCR Strips x 4 | Each |
| 400.003.250 | Adapter for 2mL to 0.2mL | PK24 |
| 400.003.251 | Adapter for 2mL to 0.5mL | PK24 |
| 400.003.252 | Adapter for 0.5mL to 0.2mL | PK36 |



400.003.223 Rotor PCR Strips x 4