

Thermo Electron's Precision Durafuge 100 delivers fast, reliable separations in a compact package ideal for small labs and medical offices

Precision Durafuge® 100

Speed and reliability in an economical benchtop centrifuge

Features and Benefits

Fast and convenient

- Spins swing-out rotors at 4,000 rpm, fixed-angle up to 6,300 rpm
- Offers 1 - 99 minute timer with Hold feature
- Provides digital set point and display system
- Features hard and soft braking/ acceleration

Safe, quiet operation

- Sound level never exceeds 57 dBA
- Includes OSHA-approved safety features

Compact and reliable

- Saves valuable bench space
- Aerosol-tight accessories certified by CAMR-Porton Down



Thermo's Precision Durafuge 100 delivers performance with extensive accessory support

The Precision Durafuge 100 centrifuge provides excellent performance at a very reasonable price. It spins swing-out rotors at 4,000 rpm and fixed-angle rotors up to 6,300 rpm, and controls temperature increases to a maximum of 10°C over ambient temperature.

The ultra-quiet Precision Durafuge 100 features a maintenance-free induction motor and a digital set point and display. A wide range of rotors and inserts are available, including Aerosol-tight accessories certified by CAMR-Porton Down. Its compact size and great economy make it the centrifuge of choice for smaller labs and offices.



Precision Durafuge 100 Rotors

Precision Durafuge 100 Benchtop Centrifuge Specifications

Specifications

Dimensions

| | |
|--------------|------------------------|
| Height: | 23 cm (11.0 in) |
| Width: | 37 cm (14.6 in) |
| Depth: | 46 cm (18.1 in) |
| Weight: | 28 kg (61.7 lbs) |
| Sound level: | Approximately 57 dB(A) |

Ordering Information

| Cat. No. | Description | Capacity (mL) | Tube Dimensions (mm) | Max Radius (mm) | Max RPM | Max RCF | Angle Deg |
|----------|---|-----------------------------------|----------------------|-----------------|---------|---------|-----------|
| 51231202 | Precision Durafuge 100 centrifuge 120V/60Hz | | | | | | |
| 51231201 | Precision Durafuge 100 centrifuge 240V/50Hz | | | | | | |
| 512037 | Tissue culture/ swinging bucket rotor package | 16 x 15/ 4 x 50 Falcon Corning | | | | 2647 | |
| 512038 | Blood tube/ swinging bucket rotor package | 6 x 5/ 16 x 7/ 12 x 10 Vacutainer | | | 4000 | 2647 | |
| 51231203 | 4 x 135 mL Swing-Out Rotor with buckets | 4 x 135 | 44 x 112 | 148 | 4000 | 2647 | 90 |
| 51231204 | Sealing Lids, set of 4 | | | | 4000 | 2647 | |
| 51231205 | 85 mL Inserts, set of 4 | 4 x 85 | 38 x 105 | 148 | 4000 | 2647 | 90 |
| 51231206 | 50 mL Inserts, set of 4 | 4 x 50 | 28.5 x 106 | 148 | 4000 | 2647 | 90 |
| 51231207 | 50 mL Conical Inserts, set of 4 | 4 x 50 | 29 x 116 | 148 | 4000 | 2647 | 90 |
| 51231209 | 15 mL Urine Inserts, set of 4 | 4 x 15 | 17 x 105 | 148 | 4000 | 2647 | 90 |
| 51231208 | 15 mL Conical Inserts, set of 4 | 4 x 15 | 17 x 121 | 148 | 4000 | 2647 | 90 |
| 51231210 | 3 x 10 mL Vacutainer Inserts, set of 4 | 2 x 10 | 16 x 100 | 148 | 4000 | 2647 | 90 |
| 51231220 | 4 x 7 mL Vacutainer (w/or w/o Hemogard) Inserts, set of 4 | 6 x 7 | 13 x 100 | 148 | 4000 | 2647 | 90 |
| 51231221 | 4 x 5 mL Vacutainer (w/or w/o Hemogard) Inserts, set of 4 | 16 x 5 | 13 x 75 | 148 | 4000 | 2647 | 90 |
| 51231213 | 7 x 5 mL Inserts, set of 4 | 28 x 5 | 12 x 75 | 148 | 4000 | 2647 | 90 |
| 51231214 | 7 x 3 mL Vacutainer Inserts, set of 4 | 28 x 3 | 11 x 70 | 148 | 4000 | 2647 | 90 |
| 51231215 | 6 x 50 mL Angle Rotor for conical tubes | 6 x 50 | 29 x 116 | 131 | 5000 | 3661 | 40 |
| 51231216 | 50 mL Inserts, set of 6, round bottom | 6 x 50 | 28.5 x 106 | 131 | 5000 | 3661 | 40 |
| 51231217 | 15 mL Inserts, set of 6 | 6 x 15 | 17 x 103 | 131 | 5000 | 3661 | 40 |
| 51231218 | 15 mL Conical Inserts, set of 6 | 6 x 15 | 17 x 121 | 131 | 5000 | 3661 | 40 |
| 51231219 | 20 x 1.5 mL Angle Rotor | 20 x 1.5 | 11 (diameter) | 78 | 6300 | 3461 | 30 |

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