

## Megafuge™ 16 / 16 R Universal Centrifuges, Thermo Scientific



thermo scientific

### Heraeus™ Megafuge™ 16 / 16 R universal centrifuges

Benchtop centrifuges for routine applications and processing of temperature-sensitive samples. High capacity, small footprint, design with rounded edges. Low energy consumption with standard protocols, with energy-saving function. 6 direct-access programs and speed buttons for frequently used programs.

- Intuitive operating elements, glove and detergent compatible operating panel
- Highly readable display with background lighting, multi-lingual
- Auto-Lock™ III rotor system for fast exchange of rotors, quick change between application protocols, and easy access to the rotor chamber for convenient cleaning
- SMARTSpin™ technology optimises acceleration and braking processes and compensates for imbalances to provide for even running and reproducible separation processes
- User-friendly operation panel (glove and detergent compatible) with highly readable display with background lighting and speed button for easy programming of six programs
- User-friendly, aerosol-tight ClickSeal™ beaker sealing system without screwed lids and clamps
- Max. runtime setting: 9 h, 99 min, or permanent operation
- With short-run program
- Motor-operated lid lock (optional: automatic lid opening at the end of a run)



| Technical data:                            | Megafuge 16                                                                                               | Megafuge 16R                                                                                             |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Max. capacity:                             | 4 × 400 ml (with swinging bucket rotor)<br>6 × 100 ml (with fixed angle rotor)                            |                                                                                                          |
| Max. RCF:                                  | 5,580 × g (with swinging bucket rotor)<br>25,830 × g (with fixed angle rotor)                             |                                                                                                          |
| Max. rotation speed:                       | 5,500 min <sup>-1</sup> (with swinging bucket rotor)<br>15,200 min <sup>-1</sup> (with fixed angle rotor) |                                                                                                          |
| Acceleration-/braking-profiles:            | 9/10                                                                                                      |                                                                                                          |
| Temperature range:                         | unrefrigerated                                                                                            | -10 to +40°C adjustable,<br>pre-cooling function<br>with direct button,<br>CFC-free refrigeration system |
| Dimensions (H × W × D)<br>with closed lid: | 36 × 44 × 60,5 cm                                                                                         | 36 × 62,3 × 60,5 cm                                                                                      |
| Power supply:                              | 230 V 50/60 Hz                                                                                            |                                                                                                          |
| Certifications:                            | UL listed / CSA / CE certified /<br>IVD compliant / Biocontainment certified                              |                                                                                                          |

| Article                     | Order No.   |
|-----------------------------|-------------|
| Megafuge 16, unrefrigerated | 10 79 24230 |
| Megafuge 16R, refrigerated  | 10 79 24270 |

Choose from a wide selection of rotors and accessories.

### Accessories

| Article                                                           | Order No.   |
|-------------------------------------------------------------------|-------------|
| Swinging bucket rotor TX-200, 4 × 200 ml (without beaker)         | 10 79 23658 |
| Round buckets 180 ml for TX-200, set of 4                         | 10 79 23659 |
| ClickSeal Biocontainment lids for round buckets TX-200, set of 4  | 10 79 23660 |
| Swinging bucket rotor TX-400, 4 × 400 ml (without beaker)         | 10 79 23181 |
| Round buckets 400 ml for TX-400 rotor, set of 4                   | 10 79 23655 |
| Aerosol-tight caps, click seal for 400 ml round beakers, set of 4 | 10 79 23656 |
| Fiberlite F15-6x100 ml fixed angle rotor                          | 10 79 23698 |
| Highconic II fixed angle rotor 6 × 94 ml, aerosol-tight           | 10 79 23620 |
| 30 × 2 ml rotor, aerosol-tight                                    | 10 79 23652 |
| Bioshield® 720 rotor                                              | 10 79 23183 |

