

# Centrifuges

## Thermo Scientific bench top

### Centrifuges, refrigerated, Thermo Scientific Heraeus® Fresco™



For nucleic acid preparation, protein isolation and reaction set up, and more.

- The extensive rotor selection and 17,000 x g and 21,000 x g speed options give speed and versatility to carry out complex as well as simple protocols
- The 24 place rotor can be used for all 1.5mL to 2.0mL tubes, including mini preps
- A new 18 place dual row rotor accepts 2.0mL and 0.5mL tubes, eliminating the need for rotor changes or multiple centrifuges
- Special high capacity rotors support 0.5mL microtubes, 0.2mL PCR\* tubes and haematocrit capillary tubes
- Unique 'click-close' bio-contamination rotor lids provide superior safety and convenience
- Intuitive controls with highly visible display make set-up and operation easy
- Highly resistant rotor materials allow vigorous cleaning and autoclaving for years of contaminant free operation
- Sleek, lightweight design maximises bench space and is easy to clean and maintain
- Fast acceleration and deceleration time (12s/12s) means you'll process more samples in less time

The Thermo Scientific Heraeus® Fresco™ microcentrifuge combines productivity, versatility, safety and convenience in a compact, easy to use laboratory instrument. The refrigerated Fresco™ offers a range of rotors to support microvolume protocols such as nucleic acid preparation, protein isolation and reaction set up. It is supplied with the 24 x 1.5mL/2.0mL rotor with ClickSeal® bio-containment lid (10544733).



\*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffmann-La Roche

#### Technical Specification - Specific

|                  | 10196832   | 10651805   |
|------------------|------------|------------|
| Model No         | Fresco™ 17 | Fresco™ 21 |
| Speed, max., rpm | 13,300     | 14,800     |
| RCF, x g [max.]  | 17,000     | 21,000     |

#### Technical Specification - General

|                            |                            |
|----------------------------|----------------------------|
| Temperature range, °C      | -9 to 40 in 1°C increments |
| Timer range, min           | 1 to 99 in 1min increments |
| Dimensions [w x d x h], mm | 295 x 445 x 330            |
| Electrical supply          | 230V, 50/60Hz              |

| Catalogue No | Legacy No | Alt. No  | Model No   |
|--------------|-----------|----------|------------|
| 10196832     | -         | 75002420 | Fresco™ 17 |
| 10651805     | -         | 75002425 | Fresco™ 21 |

#### Rotors

| Catalogue No | Legacy No | Alt. No  | Description  |
|--------------|-----------|----------|--|
| 10544733     | -         | 75003424 | Rotor, 24 x 2.0mL, with aerosol-tight snap on lid  |
| 10554563     | -         | 75003440 | Rotor, PCR*, 4 x 8 place PCR strips or 32 individual PCR tubes with screw on lid (suitable for the Pico™ 21 and Fresco™ 21 only) |
| 10330293     | -         | 75003436 | Rotor, 36 x 0.5mL, with screw on lid   |
| 10611045     | -         | 75003489 | Rotor, PCR*, 8 x 8 place PCR strips or 64 individual PCR tubes with aerosol-tight snap on lid                                    |
| 10564563     | -         | 75003418 | Rotor, dual, 18 x 2.0mL/0.5mL, with screw on lid   |
| 10116892     | -         | 75003473 | Rotor, haematocrit (suitable for the Pico™ 17 and Fresco™ 17 only)   |

#### Replacement lids

| Catalogue No | Legacy No | Alt. No  | Description   |
|--------------|-----------|----------|---|
| 10177222     | -         | 75003410 | Replacement aerosol-tight lid for 24 x 2.0mL rotor and supports the lid on the PCR* 8 x 8 rotor |
| 10554573     | -         | 75003406 | Replacement screw lid for 18 x 2.0mL rotor and 36 x 0.5mL rotor                                 |

#### Adapter sets for Micro, Pico/Fresco, Legend T/RT Plus, Stratos and Primo series

| Catalogue No | Legacy No | Alt. No  | Description              | Pack qty |
|--------------|-----------|----------|--------------------------|----------|
| 11828362     | -         | 76003758 | 0.5mL microtube adapter  | 24       |
| 11818362     | -         | 76003759 | 0.25mL microtube adapter | 24       |