

# Centrifuges

## Eppendorf bench top

### Centrifuges, 5804/5804 R and 5810/5810 R



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5804/5804 R and 5810/5810 R centrifuges designed for practically all refrigerated and non-refrigerated applications.

- 14,000rpm
- Microprocessor control ensuring ease of use and reproducibility of results
- Easy to read backlit LCD and easy to clean soft keypad
- Electronic imbalance detection and automatic rotor recognition
- Short spin key
- Motorised lid latch
- Selectable program memory for up to 34 individual programs
- Stand-by cooling, Fast Cool on 5804 R and 5810 R
- Maintenance free drive
- Extensive range of rotors and adapters
- Speed, RCF or radius correction values may be entered
- Values may be changed during centrifugation
- Short spin function with selectable rotational speed
- 10 acceleration and braking ramps for sensitive sample material
- Temperature range from -9°C to 40°C (5804 R and 5810 R only)
- Fast temperature for rapid precooling of the centrifuge (5804 R and 5810 R only)
- Stand-by refrigeration (5804 R and 5810 R only)

Available in two different sizes: the 5804 (and the refrigerated model 5804 R) can accommodate up to 400mL in the swing-bucket rotor while the 5810 (and the refrigerated model 5810 R) offer a capacity of 1,600mL, also in the swing-bucket rotor. Low loading height, makes both centrifuges easy to load, unload and clean. Low noise levels ensure a pleasant working environment, and the motorised lid latch allows the lid to be closed easily, with very little force. The control panel is easy to follow: 34 programs can be stored and 10 startup and braking ramps are available for sensitive samples. A wide variety of test tubes may be used. Stand-by cooling and a 'Fast temperature' function allow sensitive samples to be cooled rapidly and reliably, even at maximum speed.

#### Technical Specification - Specific

|                            | 12863232        | 12873232        | 12803242        | 12813242        |
|----------------------------|-----------------|-----------------|-----------------|-----------------|
| Model No                   | 5804            | 5804 R          | 5810            | 5810 R          |
| Temperature range, °C      | -               | -9 to 40        | -               | -9 to 40        |
| Dimensions [w x d x h], mm | 470 x 550 x 340 | 640 x 550 x 340 | 540 x 610 x 350 | 700 x 610 x 350 |
| Mass, kg                   | 55              | 80              | 68              | 99              |

#### Technical Specification - General

|                    |               |
|--------------------|---------------|
| Speed, max., rpm   | 14,000        |
| RCF, x g [max.]    | 20,800        |
| Acceleration curve | 10/10         |
| Electrical supply  | 230V, 50/60Hz |

| Catalogue No | Legacy No | Alt. No    | Description                                    |
|--------------|-----------|------------|--|
| 12863232     | -         | 5804000064 | 5804 centrifuge, without rotor                 |
| 12873232     | -         | 5805000068 | 5804 R centrifuge, refrigerated, without rotor |
| 12803242     | -         | 5810000068 | 5810 centrifuge, without rotor                 |
| 12813242     | -         | 5811000010 | 5810 R centrifuge, refrigerated, without rotor |