



NF 048

Microlitre & Haematocrit Centrifuge



- One compact centrifuge offering two different rotors for wide range of applications
- Haematocrit rotor to determine haematocrit volume by the centrifugation of blood samples in capillary tubes
- Angle rotor operating at over 18.000xg responds to the needs of molecular biologists, biochemists and covers multiple applications
- N-Prime™ programmable microprocessor control system for accurate and reliable operations
- Easy programming with one button, just turn and push
- Two large LED displays for speed/RCF and time
- Possibility of programming RCF
- Pulse key for short centrifugation requirements
- Reduced temperature increase in the chamber by means of continuous air cooling through air channel in the lid
- Quiet brushless induction drive
- Safety ensured by steel body, lid and chamber, lid locking system and motor over temperature protection

N-prime

TECHNICAL SPECIFICATIONS

| | Microlitre Angle Rotor | Haematocrit Rotor |
|---------------------------------|--|----------------------|
| Maximum Speed | 14.000 rpm | 12.000 rpm |
| Maximum RCF | 18.188xg | 14.811xg |
| Tube Capacity | 24 x 1,5/2 ml | 24 x Capillary Tubes |
| Control System | N-Prime™ Programmable Microprocessor Control | |
| Speed Set Range | 1.000 - 14.000 rpm | |
| Speed Set Step | 10 rpm | |
| Timer Set Range | 1-99 Minutes and Hold Position | |
| Timer Set Step | 1 minute | |
| Motor | Induction Motor | |
| Body, Lid and Chamber | Epoxy-Polyester Powder Coated Steel | |
| Power Supply | 230 V / 50-60 Hz (115 V / 60 Hz) | |
| Power Consumption | 450 W | |
| External Dimensions (WxDxH) mm. | 285x360x245 | |
| Packing Dimensions (WxDxH) mm. | 350x420x480 | |
| Net / Packed Weight kg. | 13 / 17 | |

ROTORS

| Code | Rotor Type | Capacity | Max. Tube Dia. (mm) | Radius (mm) | Max. Speed | Max. RCF |
|----------|-------------|----------------------|---------------------|-------------|------------|----------|
| B 50 019 | Angle | 24 x 1,5/2 ml. | 11 | 83 | 14.000 rpm | 18.188xg |
| B 50 020 | Haematocrit | 24 x Capillary Tubes | 0,75 | 92 | 12.000 rpm | 14.811xg |

ADAPTORS

| Code | Tube Type | Max. Tube Dia. (mm) |
|----------|----------------|---------------------|
| A 14 005 | 500/800 µL | 8 |
| A 14 006 | 200 µL PCR | 6,5 |
| A 14 007 | 250/400/700 µL | 6 |



ISO 9001: 2008
ISO 13485: 2003 **CE**

