

TT-15000/TT-15000R High Speed Centrifuge

HIGHLIGHTS

- Maximum rotor capacity: 24 x 1.5/ 2.0 ml tubes
- Maximum speed 15,000 rpm (21,400 x g)
- Three optional rotors to fit in different tube sizes
- Short-spin key available for quick centrifugation
- Soft brake function to avoid sample agitation and protect sensitive sample
- Automatic lid release at the end of each run prevents sample warming
- Safe to use in cold room (TT-15000 model)



TT-15000

Defy expectation with optimal safety and functionality

TT-15000/ TT-15000R High Speed Centrifuge are the new generation high speed benchtop centrifuges which meet the optimal functionality with medium capacity for molecular biology applications. Built with 24-place capacity and maximum RCF of 21,400 x g, they are perfectly designed for centrifugation of samples in microcentrifuge tubes, PCR strip tubes and tubes up to 5.0ml. To maximise sample protection, both models feature soft brake function to prevent sample agitation.

TT-15000R High Speed Centrifuge is a refrigerated benchtop centrifuge equipped with advanced cooling technology and precise temperature control which protects sensitive samples from degradation during centrifugation. The system allows efficient pre-cooling from 20°C to 4°C in 20 minutes, saving valuable time in sample processing.



TT-15000R

Hercuvan

Lab Systems

SPECIAL FEATURES FOR TT-15000R REFRIGERATED CENTRIFUGE

- Temperature range from -10°C to +40°C
- Rapid pre-cooling of the centrifuge (from 20°C to 4°C in 20 min)
- Continuously cools sample with constant temperature as long as lid is closed

EACH STANDARD SET INCLUDES

- 24-place microtubes rotor for 1.5 ml/2.0 ml tubes

APPLICATIONS

- Plasmid, DNA/RNA, PCR cleanup, spin column/ miniprep kits
- Protein work, cell culture
- Whole cell harvesting or pelleting
- Molecular biology, genomic, biochemistry, pharmaceutical, medical, microbiology, proteomic laboratories

TECHNICAL DATA

| Specifications | TT-15000 High Speed Centrifuge | TT-15000R High Speed Centrifuge |
|--|-------------------------------------|-------------------------------------|
| Speed control range | 500 - 15,000 rpm (100 rpm steps) | 500 - 15,000 rpm (100 rpm steps) |
| Maximum RCF | 21,400 × g | 21,400 × g |
| Acceleration and deceleration time (Soft brake off) | 15sec | 15sec |
| Acceleration and deceleration time from max. speed (Soft brake on) | 45sec | 45sec |
| Maximum rotor capacity | 24 x 1.5 ml/ 2.0 ml tubes | 24 x 1.5 ml/ 2.0 ml tubes |
| Rotor is supplied as standard | 24 x 1.5 ml/ 2.0 ml rotor | 24 x 1.5 ml/ 2.0 ml rotor |
| Noise | 62 dB | 60 dB |
| Short spin function | Yes | Yes |
| Soft brake function | Yes | Yes |
| Automatic lid release after completion | Yes | No |
| Digital time setting | 1sec - 99min 59sec | 1sec - 99min 59sec |
| Temperature range | - | -10°C - +40°C |
| Temperature control at 4°C | - | ±2°C |
| From 20°C to 4°C | - | ≤20min |
| Rotor material | Aluminium | Aluminium |
| Voltage | AC 100-120V or AC 200-240V, 50/60Hz | AC 100-120V or AC 200-240V, 50/60Hz |
| Maximum power | 250 W | 500 W |
| Rated power | 1000 W | 1200 W |
| Dimension (W x D x H) | 340 × 240 × 230 mm | 500 × 300 × 320 mm |
| Weight (with rotor) | 13 kg | 30 kg |
| Permissible ambient temperature | 5- 40°C | 10 - 30°C |
| Permissible relative humidity | ≤80% | ≤80% |

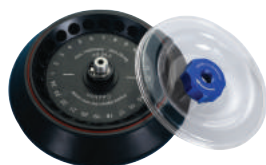
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ORDERING INFORMATION

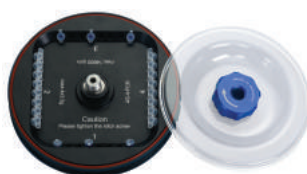
| Cat. No. | High Speed Centrifuge |
|----------------|--|
| TT-15000-120V | High Speed Centrifuge TT-15000, 500-15,000 rpm, AC 100-120V |
| TT-15000-240V | High Speed Centrifuge TT-15000, 500-15,000 rpm, AC 200-240V |
| TT-15000R-120V | High Speed Centrifuge TT-15000R, 500-15,000 rpm, AC 100-120V |
| TT-15000R-240V | High Speed Centrifuge TT-15000R, 500-15,000 rpm, AC 200-240V |

OPTIONAL ACCESSORIES

| Cat. No | Accessories for High Speed Centrifuge |
|------------|--|
| TT-RT-2415 | Rotor for 24 x 1.5 ml/ 2.0 ml tubes |
| TT-RT-4820 | Rotor for 4 x 8 x 0.2 ml PCR strip tubes |
| TT-RT-1250 | Rotor for 12 x 5.0 ml tubes |
| TT-AP-2402 | Adapter for 0.2 ml tubes |
| TT-AP-2405 | Adapter for 0.5 ml tubes |



TT-RT-2415
24 x 1.5 ml/ 2.0 ml rotor



TT-RT-4820
4 x 8 x 0.2 ml PCR strip rotor



TT-RT-1250
12 x 5.0 ml rotor