



HT190R NEW

Benchtop High Speed Refrigerated Centrifuge

Benchtop High Speed Refrigerated Centrifuge HT190R provides you with the most cost-effective solution. With EP tube, centrifugal force up to 25100xg (19000rpm). Multiple rotors and adapters are available, with excellent Performance. Equipped with 0.2ml tube to 250ml bottle, MTP, PCR and deep-well plate.











Product advantages

- ◆ 7 inch HD touch screen, setting and running parameters at a glance.
- ◆ Super large capacity data storage can store months of operation data, fault records, etc., which is convenient for tracking operation information.
- ◆ Directly input the setting value like speed, time, RCF, ACC and DEC and so on. It's more convenient and accurate compared with traditional knob operation.
- ◆ Automated lid locking system adds to user's safety, Automatic rotor identification for over-speed protection.
- ◆ Multiple programs can be saved for fast operation. It can support 5-steps centrifugation to meet the diversified experimental needs.
- ◆ The running records and diagnostic records can be checked directly on the screen.
- ◆ Featuring 10 acceleration profiles and 11 deceleration profiles to prevent second emulsion or turbid and achieve the best centrifugal effect .
- ◆ Providing multiple self-diagnostic protection functions against door interlock malfunction, over-speed operation, motor overheating, misoperation and communication fault etc. to ensure user's safety.
- ◆ 12 angle rotors, 4 horizontal rotors available, accommodate to 0.2 ~ 250ml tubes/bottle and micro plate. It can separate at high speed or large capacity .














Technical parameter










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| Order NO | 0202223000 |
| Max Speed | 19000r/min |
| Max RCF | 31006xg |
| Max Capacity | 4x250ml |
| Speed Accuracy | ±10r/min |
| Time Setting Range | 1min-99h59min |
| Temperature Setting Range | -20~ 40°C |
| Temperature Accuracy | ±1°C |
| Compressor Unit | High performance compressor unit , Environment-friendly refrigerant |
| Noise | ≤65dB(A) |
| Power Supply | AC220V±22V 50Hz |
| Power Consumption | 1500W |
| Dimension (WxDxH) | 710x560x450 (mm) |
| Packing Dimension (WxDxH) | 1022x712x630 (mm) |
| Net Weight | 95kg |

 Rotor parameters



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| <p>No:1</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x1.5/2.2ml Max Speed: 19000r/min Max RCF: 25100xg Order NO: 0301805020 Adapter: 0.2ml, 0.5ml</p> | <p>No:2</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x15ml (conical) Max Speed: 14000r/min Max RCF: 21912xg Order NO: 0301891142 Adapter: 5ml</p> |
| <p>No:3</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x10ml Max Speed: 16000r/min Max RCF: 26310xg Order NO: 0301805310 Adapter: 1.5ml, 5ml</p> | <p>No:4</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x50ml Max Speed: 13000r/min Max RCF: 17938xg Order NO: 0301805420 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p> |
| <p>No:5</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 12500r/min Max RCF: 16585xg Order NO: 0301805930 Adapter: 15ml (conical)</p> | <p>No:6</p>  <p>Rotor Type: Angle rotor Max Capacity: 4x100ml Max Speed: 12000r/min Max RCF: 15471xg Order NO: 0301805710 Adapter: 5ml, 10ml, 15ml (round/conical), 25ml, 50ml (round/conical)</p> |
| <p>No:7</p>  <p>Rotor Type: Angle rotor Max Capacity: 30x1.5/2.0ml Max Speed: 16000r/min Max RCF: 28917xg Order NO: 0301812510 Adapter: 0.2ml, 0.5ml</p> | <p>No:8</p>  <p>Rotor Type: Angle rotor Max Capacity: 48x1.5/2.0ml Max Speed: 16000r/min Max RCF: 28061xg Order NO: 0301812830 Adapter: 0.2ml, 0.5ml</p> |
| <p>No:9</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x85ml Max Speed: 12000r/min Max RCF: 15805xg Order NO: 0301891097 Adapter: 5ml, 10ml, 15ml (round/conical), 25ml, 50ml (round/conical)</p> | <p>No:10</p>  <p>Rotor Type: Angle rotor Max Capacity: 40x15ml Max Speed: 5500 r/min Max RCF: 4904xg Order NO: 0301891144</p> |

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| <p>No:15</p>  <p>Rotor Type: Swing Rotor Max Capacity: 60x1.5ml Max Speed: 15000r/min Max RCF: 18826xg Order NO: 0301855600</p> | <p>No:16</p>  <p>Rotor Type: Angle rotor Max Capacity: 24x1.5/2.0ml Max Speed: 18000r/min Max RCF: 31006xg Order NO: 0301805520 Adapter: 0.2ml, 0.5ml</p> |
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| Rotor | Bucket | Adaptor | Capacity/Order NO | Adaptor | Capacity/Order NO | |
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| <p>No:11</p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 3450xg Max Capacity: 4x250ml Order NO: 0302891099</p> |  <p>Oval bucket Order NO: 0303891081</p> |  | 4x26x1.5ml 0304891454 |  | 4x10x5ml 0304891456 | |
| | |  | 4x14x5/7ml 0304891459 |  | 4x13x10ml 0304891461 | |
| | |  | 4x9x15ml (conical) 0304891463 |  | 4x9x15ml 0304891465 | |
| | |  | 4x6x20ml 0304891467 |  | 4x4x50ml (conical) 0304891469 | |
| | |  | 4x4x50ml 0304891471 |  | 4x2x100ml 0304891473 | |
| | |  | 4x1x250ml 0304891475 | | / | |
| | | can be customized | | | | |

| Rotor | Bucket | Adaptor | Capacity/Order NO | Adaptor | Capacity/Order NO |
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| <p>No:12</p>  <p>Rotor Type: Swing Rotor Max Speed: 4500r/min Max RCF: 3917xg Max Capacity: 4x250ml Order NO: 0302891099</p> |  <p>Rectangular bucket Order NO: 0303891082</p> |  | 4x16x1.5ml 0304891477 |  | 4x17x5/7ml 0304891479 |
| | |  | 4x12x10ml 0304891481 |  | 4x9x15ml (conical) 0304891483 |
| | |  | 4x4x50ml (conical) 0304891485 |  | 4x1x100ml 0304891487 |
| | |  | 4x1x250ml 0304891489 | | / |

| Rotor | Bucket | Adaptor | Capacity/Order NO | Adaptor | Capacity/Order NO |
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| <p>No:13</p>  <p>Rotor Type: Swing Rotor Max Capacity: 4x100ml Max Speed: 5000r/min Max RCF: 3773xg Order NO: 0302891038</p> |  <p>Bucket Order NO: 0303891029</p> |  | 4x3x10ml Blood collection tube 0304852409 |  | 4x1x15ml 0304891119 |
| | |  | 4x1x15ml (conical) 0304891118 |  | 4x1x50ml (conical) 0304891114 |
| | |  | 4x1x50ml 0304891116 | | / |

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| <p>No:14</p>  <p>Max Speed: 4500r/min Max RCF: 2784xg Max Capacity: 2x2x96well Order NO: 0302852310</p> |  <p>Microplate bucket Order NO: 0303852351</p> | 2x6 ELISA microplate | 2x6x96 | can be customized |
| | | 2x2 Deep-well plate | 2x2x96 | |
| | | 2x1 Filter plate reagent kit | 2x1x96 | |