



H1750R/HT185R Benchtop High Speed Refrigerated Centrifuge

H1750R/HT185R high speed refrigerated centrifuge is a compact unit with suitable height. 15 kinds of rotors available. The centrifuge rotors compatible with micro tubes, PCR strip, microplate, 15/50ml conical tube and blood collection tube. (Angle rotor 24x1.5ml max speed up to 17500rpm). which has the same performance like the big type centrifuge.











Product advantages


- ◆ Equipped with 7-inch touch screen, intuitive interface and all parameters at a glance.
- ◆ VF Compressor with PID dynamic intelligent temperature control technology.
- ◆ Multiple program memories. User can simply name each programs, which is more convenient to call programs when using.
- ◆ Automatic rotor identification system against over-speed.
- ◆ 11 acceleration and 12 deceleration rates, and free parking time can be set.
- ◆ 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.
- ◆ Built in condensation water tank can avoid the condensation water gathering and prevent corrosion, which can improve the service life of the instrument.


Technical parameter

Model	H1750R	HT185R (cooling and heating dual system)
Order NO	0202253000	0202253001
Max Speed	18500r/min	18500r/min
Max RCF	29302xg	29302xg
Max Capacity	4x100ml	4x100ml
Speed Accuracy	±10r/min	±10r/min
Time Setting Range	1s-99min59s/1min-99h59min	1s-99min59s/1min-99h59min
Timing mode	Start timing , Speed timing, Continuous timing	Start timing , Speed timing, Continuous timing
Temperature Setting Range	-20~40°C	-20~40°C
Temperature Control Range	0~25°C	0~40°C
Temperature Accuracy	±1°C	±1°C
Pre-cooling function	yes	yes
Compressor Unit	VF compressor unit	VF compressor unit
Noise	≤62dB (A)	≤62dB (A)
Short Spinning	yes	yes
Rotor Identification	yes	yes
Power Supply	AC220V±22V 50/60Hz	AC220V±22V 50/60Hz
Power Consumption	1kW	1kW
Dimension (WxDxH)	380x660x330(mm)	380x660x330(mm)
Packing Dimension (WxDxH)	480x940x460(mm)	480x940x460(mm)
Net Weight	62kg	62kg



 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle rotor Max Capacity: 24x1.5/2.0ml Max Speed: 17500r/min Max RCF: 29302xg Order NO: 0301805520</p>	<p>No:2</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x5ml Max Speed: 15000r/min Max RCF: 15840xg Order NO: 0301806110 Adapter: 0.5ml、1.5ml</p>
<p>No:3</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x10ml Max Speed: 13000r/min Max RCF: 17370xg 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: 17947xg 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: 12000r/min Max RCF: 15292xg Order NO: 0301805930 Adapter: 15ml (conical)</p>	<p>No:6</p>  <p>Rotor Type: Angle rotor Max Capacity: 4x100ml Max Speed: 10000r/min Max RCF: 10744xg Order NO: 0301805710 Adapter: 5ml、10ml、15ml (conical/round)、25ml、50ml (conical/round)</p>
<p>No:7</p>  <p>Rotor Type: Angle rotor Max Capacity: 30x1.5/2.0ml Max Speed: 14000r/min Max RCF: 22140xg Order NO: 0301812510</p>	<p>No:8</p>  <p>Rotor Type: Angle rotor Max Capacity: 48x1.5/2.0ml Max Speed: 13000r/min Max RCF: 18525xg Order NO: 0301812830 Adapter: 0.2ml、0.5ml</p>
<p>No:9</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x8x0.2ml (PCRTube) Max Speed: 13000r/min Max RCF: 16020xg Order NO: 0301812210</p>	<p>No:10</p>  <p>Rotor Type: Hematocrit rotor Max Capacity: 24Hematocrit Max Speed: 13000r/min Max RCF: 17369xg Order NO: 0301856310</p>

<p>No:11</p>  <p>Rotor Type: Swing Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 13000r/min Max RCF: 16816xg Order NO: 0302857500 Adapter: 0.2ml、0.5ml</p>	<p>No:12</p>  <p>Rotor Type: Angle rotor Max Capacity: 8x15ml (conical) Max Speed: 12000r/min Max RCF: 13200xg Order NO: 0301806220 Adapter: 5ml</p>
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<p>No:15</p>  <p>Rotor Type: Angle rotor Max Capacity: 12x1.5/2.2ml Max Speed: 18500r/min Max RCF: 23797xg Order NO: 0301805020 Adapter: 0.2ml、0.5ml</p>	<p>/</p>
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Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<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		4x1x50 (conical) 0304891114
			4x1x50ml 0304891116	/	

<p>No:14</p>  <p>Max Speed: 4000r/min Max RCF: 2200xg 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	