



HT190 NEW Benchtop High Speed Centrifuge

Benchtop High Speed Centrifuge HT190 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

- ◆7inches high sensitivity (can be directly operated with gloves) and HD touch screen, easy operation with easy readout. The setting and running parameters can be displayed simultaneously.
- ◆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.
- ◆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 11 acceleration profiles and 12 deceleration profiles to prevent second emulsion or turbid and achieve the best centrifugal effect (the time on 10th ACC and DEC profile can be customer-designed based on the experiment requirements).
- ◆The fastest acceleration only takes 10 seconds.
- ◆Automatic rotor identification for over-speed protection.
- ◆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.
- ◆Front panel and door lid are moulded at one time and streamline designed with ergonomics, which is simple and elegant.
- ◆Aerodynamic oval bucket can reduce resistance, noise and energy consumption.

Technical parameter

Order NO	0203270004
Max Speed	19000r/min
Max RCF	25100xg
Max Capacity	4x250ml
Speed Accuracy	±20r/min
Timer Range	1s-99min59s or 1min-99h59min
Timing mode	start timing after reach the set speed, Start timing when spinning, short spinning timing
Noise	≤ 65dB (A)
Power Supply	AC220V±22V 50/60Hz
Power Consumption	650W
Dimension (WxDxH)	436x560x380(mm)
Packing Dimension (WxDxH)	547x727x432(mm)
Net Weight	48kg



Rotor parameters

No:1



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

No:2



Rotor Type: Angle rotor
Max Capacity: 12x15ml (conical)
Max Speed: 12000r/min
Max RCF: 16098xg
Order NO: 0301891142
Adapter: 5ml

No:3



Rotor Type: Angle rotor
Max Capacity: 24x1.5/2.2ml
Max Speed: 15500r/min
Max RCF: 22991xg
Order NO: 0301805520
Adapter: 0.2ml, 0.5ml

No:4



Rotor Type: Angle rotor
Max Capacity: 6x50ml
Max Speed: 12000r/min
Max RCF: 15285xg
Order NO: 0301805420
Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml

No:5



Rotor Type: Angle rotor
Max Capacity: 6x50ml (conical)
Max Speed: 11000r/min
Max RCF: 12843xg
Order NO: 0301805930
Adapter: 15ml (conical)

No:6



Rotor Type: Angle rotor
Max Capacity: 4x100ml
Max Speed: 11000r/min
Max RCF: 13000xg
Order NO: 0301805710
Adapter: 5ml, 10ml, 15ml (round/conical), 25ml, 50ml (round/conical)

No:7



Rotor Type: Angle rotor
Max Capacity: 30x1.5/2.2ml
Max Speed: 13000r/min
Max RCF: 19090xg
Order NO: 0301812510
Adapter: 0.2ml, 0.5ml

No:8



Rotor Type: Angle rotor
Max Capacity: 48x1.5/2.2ml
Max Speed: 13000r/min
Max RCF: 18525xg
Order NO: 0301891144
Adapter: 0.2ml, 0.5ml

No:9
















Rotor Type: Angle rotor
Max Capacity: 6x85ml
Max Speed: 11000r/min
Max RCF: 13280xg
Order NO: 0301891097
Adapter: 5ml, 10ml, 15ml (round/conical), 25ml, 50ml (round/conical)










No:10












Rotor Type: Angle rotor
Max Capacity: 40x15ml
Max Speed: 5000 r/min
Max RCF: 4053xg
Order NO: 0301891144

<p>No:15</p> 	<p>Rotor Type: Swing Rotor Max Capacity: 60x1.5ml Max Speed: 14000r/min Max RCF: 16400xg Order NO: 0301855600</p>	/
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Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO	
<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	
			4x8x15ml (conical) 0304891463		4x8x15ml 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
<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
<p>No:13</p>  <p>Rotor Type: Swing Rotor Max Speed: 4500r/min Max RCF: 3056xg Max Capacity: 4x100ml 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		/

<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	