

6 TGL-20M Tabletop High-speed Refrigerated Centrifuge

10 kinds of rotors are available for TGL-20M with RCF up to 27800xg. It is designed for the laboratory analysis in molecular biology, molecular chemistry, genetics etc



Features

- ✧ Max.RCF is up to 27800xg, and Max.speed is 20000 rpm.
- ✧ Microprocessor control, DC brushless motor with high torque and low noise.
- ✧ 10 rotors are available, large LCD display, environment-friendly compressor unit, achieving ideal cooling efficiency.
- ✧ Touch panel, speed and time can be set freely.
- ✧ Offering 9 Acc profiles, 10 Dec profiles and triple damping, preventing the sample from emulsion or turbid.
- ✧ Accommodating multiple safety measures against over-speed, over heat or imbalance operation, including door lid locking system, providing safety for the operator and centrifuge.
- ✧ Programmable operation and multiple routine programs can be saved
- ✧ Modest height and easy operation

Technical Parameters

Model	TGL-20M
Order No	0202145000
Max.Speed	20000rpm
Max.RCF	27800xg
Max.capacity	4x100ml
Speed accuracy	±30rpm
Time rang	1min to 99min89sec or continuous running
Temp range	-20°C~40°C
Temp control accuracy	±1°C
Compressor set	Environment-friendly with (R404a)refrigerant
Noise	<65dB(A)
Power supply	AC220V±22V 50/60Hz 10A
Power consumption	1200W
Dimensions (WxDxH)	410x700x370mm
Packing size (WxDxH)	550x1032x530mm
Net weight	85kg

Rotor Optional

No.1 Rotor 	Capacity: 12x1.5/2.2ml Speed:20000rpm RCF:27800xg	Diameter: Φ11.2mm Depth:38mm Order No. 0301805020	No.7 Angle Rotor 	Capacity:24x1.5/2.2ml Speed: 16000rpm RCF: 24498xg Diameter: Φ11.2mm Depth:38mm Order No.0301891066
Adapter				
Capacity	0.2ml	0.5ml		
Place	12/24	12/24		
Diameter	Φ6.6mm	Φ8mm		
Depth	20mm	27.5mm		
Order No.	0304805005	0304805004		

No.2 Angle rotor 	Capacity: 12x5mlml Speed: 16000rpm RCF: 18090xg	Diameter: Φ14mm Depth: 49mm Order No. 0301891101
Adapter		
Capacity	0.5ml	1.5ml
Place	12	12
Diameter	Φ8mm	Φ11.2mm
Depth	27.5mm	37mm
Order No.	0304806103	0304806104

No.4 Angle Rotor 	Capacity: 6x50ml conical Speed: 13000rpm RCF: 17940xg	Diameter: Φ29.5mm Depth: 103mm Order No. 0301805930	No.3 Angle Rotor 	Capacity: 12x10ml Speed: 15000rpm RCF: 23120xg	Diameter: Φ16.5mm Depth: 76mm Order No. 0301805310
Adapter					
Capacity	5ml	1.5ml	1.5ml	5ml	5ml
Place	6	12	12	12	12
Diameter	Φ16.8mm	Φ11.2mm	Φ11.2mm	Φ14mm	Φ14mm
Depth	104mm	36mm	36mm	49mm	49mm

Order No.	0304891113	0304805307	0304891111
------------------	------------	------------	------------

No.4 Angle rotor	Capacity: 6x50ml Speed: 13000rpm RCF: 17940xg Diameter: Φ29.5mm Depth: 96.5mm Order No. 0301805420	No.8 Angle rotor	Capacity: 4x50ml Speed: 14000rpm RCF: 19030xg Diameter: Φ29.5mm Depth: 91.5mm Order No. 0301806300
-------------------------	---	-------------------------	---

Adapter							
Capacity	1.5ml	5ml	10ml	15ml	20ml	25ml	30ml
Place	6/4	6/4	6/4	6/4	6/4	6/4	6/4
Diameter	Φ11.2mm	Φ14mm	Φ16.5mm	Φ16.5mm	Φ21.5mm	Φ22.5mm	Φ26mm
Depth	36mm	49mm	76mm	100.5mm	90mm	95mm	86mm
Order No.	0304805410	0304891086	0304891085	0304805411	0304805406	0304805412	0304891084

No.9 Angle Rotor 	Capacity: 4x100/ml Speed: 10000rpm RCF: 9690xg		Diameter: Φ38.5mm Depth: 109mm Order No. 0301805710	

Adapter							
Capacity	5ml	10ml	15ml	15ml conical	25ml	50ml	50ml conical
Place	12	4	4	4	4	4	4
Diameter	Φ14mm	Φ16.5mm	Φ16.5mm	Φ17mm	Φ22.5mm	Φ29.5mm	Φ29.5mm
Depth	49mm	76mm	101mm	103.5mm	95mm	103mm	103.5mm
Order No.	0304891078	0304891080	0304891056	0304891054	0304805608	0304891064	0304891070

No.13  Order No.0302852600 Speed: 6000rpm RCF: 3200xg Capacity:4x10ml	Bracket  Order No. 0303852610 Capacity: 4x10ml	No.6  Order No. 0302852500 Speed:3000rpm RCF:1400xg Capacity: 2x2x48 places	Elisa Plate  Order No. 0302852505 Capacity: 2x2x48 places
--	--	--	---