

## TGL-1650 Benchtop high speed refrigerated centrifuge



### Features & Advantages:

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopt Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records and 1000 fault records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Rotor automatic identification system to prevent rotor over-speeding
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on.  
Prompt function with voice and text simultaneously
- With electronic manual which can never lost and easy to use.

**Technique Parameter**

Model	TGL-1650
Max Speed	16500r/min
Max RCF	24760xg
Max Capacity	6x100ml (9000rpm)
Speed Accuracy	±10 r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤60 dB (A)
Power supply	AC 220V 50HZ 15A
Dimension	420x520x360 (L x W x H) mm
Weight	62 kg
Power	1.2 KW

**Rotor Technical Data:**

Rotor	Capacity	Max Speed	Max RCF
NO.1 Fixed-angle Rotor	12x1.5/2.2ml	16500rpm	19000xg
NO. 2 Fixed-angle Rotor	12x5ml	16000rpm	20750xg
NO. 3 Fixed-angle Rotor	24x1.5/2.2ml	16000rpm	24760xg
NO. 4-1 Fixed-angle Rotor	12x10ml	14000rpm	18120xg

NO.	4-2	36x1.5ml/2.2 ml				
Fixed-angle Rotor						
NO.	5-1	6x50ml conical bottom m	12000rpm	15700xg		
Fixed-angle Rotor						
NO.	5-1	6x50ml round bottom				
Fixed-angle Rotor						
NO.	5-2	48x1.5ml/2.2 ml				
Fixed-angle Rotor						
NO.	6-1	4x100ml	11000rpm	13340xg		
Fixed-angle Rotor						
NO.	6-2	8x50ml round bottom				
Fixed-angle Rotor						
NO.	6-2	8x50ml conical bottom m				
Fixed-angle Rotor						
No.6-3 Fixed-angle Rotor		12x15ml				
NO. 7 Fixed-angle Rotor		6x10ml	16000rpm	18950xg		
NO.	8-1	8x15ml	14000rpm	17310xg		
Fixed-angle Rotor						

NO. 8-2 Fixed-angle Rotor	6x30ml		
NO. 9 Fixed-angle Rotor	4x0.2mlx8 PCR tubes	13000rpm	14640xg
NO. 10 Fixed-angle Rotor	6x100ml	9000rpm	9770xg
NO.11 Swing-out Microplate Rotor	2x2x48 holes	4000rpm	1500xg
<p>According to your needs, various specifications of angle, swing-out rotors and adapters can be customized.</p>			