

# TGL-18

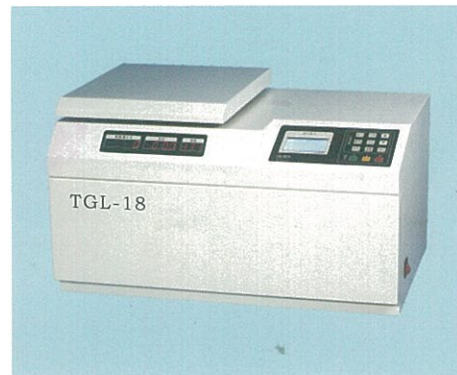
## Benchtop high speed refrigerated centrifuge

### Features:

- The machine adopts frequency conversion motor driving, micro-computer control.
- LCD, digital dual display.
- Electronic lid locks, imbalance protection.
- Rotor head identify automatically to prevent speeding.
- The machine is used in the type of flexible collet chuck, which is convenient for replacing the rotor.
- It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice.
- Faults are diagnosed automatically.
- Imported compressors, CFC-Free refrigerants, refrigerating/heating double loop and precise in temperature control.
- RCF can be directly set up and display, without RPM / RCF translated.
- Imported well known frequency controller with precise speed control and durable in use.
- Parameters of instruments can be modified during operation.
- The centrifuge body is made of high quality steel, three-layer steel jacket could ensure the safety of the user and machine.

### Technical Parameters

Max Speed	18 000 r/min
Max RCF	22 500 Xg
Max Capacity	6X100 ml (8 000 rpm)
Speed Accuracy	± 10 r/min
Temp Accuracy	± 1 °C
Temp Range	-20 °C to 40 °C
Timer Range	1~99H59min/inching
Noise	≤ 60dB (A)
Power	AC 220V 50HZ 15A
Dimension	420 × 625 × 360 (L × W × H) mm
Weight	55 kg



### Rotor Technical Data

Rotor	Capacity	Max Speed	Max RCF
NO.1 Angle Rotor	12X1.5/2.2 ml	18 000 rpm	22 500 Xg
NO.2 Angle Rotor	12X5 ml	15 000 rpm	18 270 Xg
NO.3 Angle Rotor	24X1.5/2.2 ml	15 000 rpm	21 630 Xg
NO.4 Angle Rotor	12X10 ml	13 000 rpm	15 620 Xg
NO.5 Angle Rotor	6X50 ml	12 000 rpm	15 970 Xg
NO.6-1 Angle Rotor	4X100 ml	10 000 rpm	10 640 Xg
NO.6-2 Angle Rotor	8X50 ml		
NO.7 Angle Rotor	6X10 ml	16 000 rpm	19 070 Xg
NO.8 Angle Rotor	6X15 ml	12 000 rpm	14 520 Xg
NO.9 Angle Rotor	4X(8X0.2 ml PCR tubes)	13 000 rpm	17 000 Xg
NO.10 Angle Rotor	6X100 ml	8 000 rpm	7 600 Xg
NO.11 Swing-out Rotor	2X2X48 holes microplate	4 000 rpm	1 500 Xg