



## Benchtop High Speed Centrifuge Model: XZ-16T / TG16WS

XZ-16T and TG16WS are useful for routine applications in biotechnology, PCR, life sciences, biochemical and clinical labs, etc. This unit is suitable for routine sample analysis in Medical, Hospital, Pathology, and Institutional laboratories. With a wide choice of rotor heads and adapters, this unit is truly versatile.

### Features:

- ☆ Metal external case. Stainless steel chamber with guarding ring.
- ☆ Electronic safety lock prevent cover opening during centrifugation.
- ☆ Manually lid open in case of failure or emergency.
- ☆ Imbalance fault detection with auto shutdown.
- ☆ With silent-block and shock absorbers that guarantee a smooth and quiet operation.
- ☆ Recall of last set parameters. (Useful for repetitive analysis).
- ☆ Reliable drive system. Induction motor maintenance free.
- ☆ Microprocessor control of all functions: speed, time, temperature, \* acceleration/deceleration, rcf, error display.
- ☆ Special rotor connector which makes it easy to load and unload the rotor
- ☆ Comprehensive selection of rotors and adapters.
- ☆ Produced according to national and international safety standard (e.g. IEC 61010).
- ☆ ISO9001, ISO13485, CE international standards are met.
- ☆ \* Selectable: Lid open automatically at the end of run.



### Technical data:

Model	XZ-16T	TG16-WS
Screen	LCD color screen	LED Digital Screen
Machine body	Plastic and metal frame	Metal frame
Max. speed	16000rpm	16000rpm
Speed accuracy	±20 rpm	±20 rpm
Max. RCF	20920xg	20920xg
Max Capacity	4x100ml	4x100ml
Timer range	1min~99min59s	1min~99min
Acceleration / Deceleration rates	1~10	--
Motor	Converter motor	Converter motor
Motor power	500W	500W
Power supply	AC220V 50/60Hz 5A	AC220V 50/60Hz 5A
Noise	<55db	<55db
Net weight	27kg	28kg
Gross weight	33kg	33kg
Dimension	400x350x340mm (LxWxH)	390x330x320mm (LxWxH)
Package dimension	500x420x410mm (LxWxH)	500x400x400mm (LxWxH)



### Rotor:

 No. 1 Angle Rotor	Max. Speed:16000rpm Capacity: 12x0.5ml Max. RCF: 17800 xg ØxL: 8.4x28.5mm	 No. 2 Angle Rotor	Max. Speed: 12000rpm Capacity: 48x0.5ml Max. RCF: 13910 xg ØxL: 8.4x28.5mm
 No. 3 Angle Rotor	Max. Speed: 16000rpm Capacity: 12x1.5ml/2.2ml Max. RCF: 17800 xg ØxL: 11.2x39mm	 No. 4 Angle Rotor	Max. Speed: 15000rpm Capacity: 24x1.5ml/2.2ml Max. RCF: 20920 xg ØxL: 11.2x39mm
 No. 5 Angle Rotor	Max. Speed: 14000rpm Capacity: 30x1.5ml/2.2ml Max. RCF: 20800xg ØxL: 11.2x39mm	 No. 6 Angle Rotor	Max. Speed: 12000rpm Capacity: 48x1.5ml/2.2ml Max. RCF: 13910xg ØxL: 11.2x39mm
 No. 7 Angle Rotor	Max. Speed: 16000rpm Capacity: 12x5ml Max. RCF: 19320 xg ØxL: 14x51mm	 No. 8 Angle Rotor	Max. Speed : 12000rpm Capacity : 12 x 10ml Max. RCF : 12740xg ØxL: 16.5x78.5mm
 No. 9 Angle Rotor	Max. Speed: 10000rpm Capacity: 12x15/10ml Max. RCF: 11840xg ØxL : 16.5x103mm	 No. 10 Angle Rotor	Max. Speed: 14000rpm Capacity: 4x50ml Max. RCF: 19320 xg ØxL: 29.5x96mm
 No. 11 Angle Rotor	Max. Speed: 11000rpm Capacity: 6x50ml Max. RCF: 13280 xg ØxL: 29.5x96mm	 No. 12 Angle Rotor	Max. Speed: 10000rpm Capacity: 4x100ml Max. RCF: 10934 xg ØxL: 38.2x110mm