

## Benchtop Low Speed Centrifuge Model: TD5B/TDZ5-WS

With the excellent performance and comprehensive range of accessories, it can carry out virtually any centrifuging task of universal purposes. And, since TD5B/TDZ5-WS can be used for both standard and special applications, they are not only cost-effective, but also save valuable space in the laboratory.













### Features:

- ☆ Stainless steel chamber with guarding ring.
- ☆ Electronic safety lock prevent cover opening during centrifugation.
- ☆ Manually lid open in case of failure or emergency.
- ☆ Gas spring to prevent falling of lid.
- ☆ Imbalance fault detection with auto shutdown.
- ☆ With silent-block and shock absorbers that guarantee a smooth and quiet operation.
- ☆ Reliable drive system. Induction motor maintenance free.
- ☆ Microprocessor control of all functions: speed, time, acceleration/deceleration, rcf, error display.
- ☆ Velocity hole provides a way of speed detection.
- ☆ 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.
- ☆ \* Short spin function selectable.

### Technical data:

Model	TD5B	TDZ5-WS
Screen	LCD color Screen	LED Screen
Machine Body	Plastic and metal frame	Metal frame
Max. Speed	5000 rpm	5000 rpm
Max. RCF	4760 xg	4760 xg
Max Capacity	4x250ml	4x100ml
Speed accuracy	±20 rpm	±20 rpm
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 10A	AC220V 50/60Hz 10A
Noise	<55db	<55db
Net weight	35kg	38kg
Gross weight	51kg	49kg
Dimension	570x460x360mm(LxWxH)	540x420x350mm(LxWxH)
Package dimension	630x530x460mm(LxWxH)	650x540x440mm(LxWxH)

### Rotor:

 * No.1 Swing Rotor	Max. Speed : 4000rpm Capacity : 32 x 15ml/10ml/5ml/2ml Max. RCF : 3000xg ØxL: 18 x92mm(15ml) 18 x88mm(10ml)	 * No.2 Swing Rotor	Max. Speed : 5000rpm Capacity : 4 x 50ml Max. RCF : 4760xg ØxL: 30.5x92mm
 * No.3 Swing Rotor	Max. Speed : 4000rpm Capacity : 8 x 50ml Max. RCF : 3040xg ØxL: 30.5x92mm	 * No.4 Swing Rotor	Max. Speed : 5000rpm Capacity : 4 x 100ml Max. RCF : 4745xg ØxL: 42.5x100mm
 No.5 Swing Rotor	Max. Speed : 4000rpm Capacity : 48 x 5ml/2ml Max. RCF : 2980xg/2625xg ØxL: 13.5x86mm 13.5x58mm	 No.6 Swing Rotor	Max. Speed : 4000rpm Capacity : 72 x 5ml/2ml Max. RCF : 2950xg/2625xg ØxL: 13.5x86mm 13.5x58mm Only for TD5B
 No.7 Swing Rotor	Max. Speed : 4000rpm Capacity : 24 x 15ml Max. RCF : 3520xg ØxL: 18x92mm Only for TD5B	 No.8 Swing Rotor	Max. Speed : 4000rpm Capacity : 8 x 50ml Max. RCF : 3520xg ØxL: 30.5x86.5mm Only for TD5B
 No.9 Swing Rotor	Max. Speed : 4000rpm Capacity : 4 x 250ml Max. RCF : 2990xg ØxL: 63.5x90mm Only for TD5B	 No.10 Swing Rotor	Max. Speed : 4000rpm Capacity : 2 x 2 x 96 holes Max. RCF : 2390xg ØxL: 137x87x42mm

\*: Share same rotor body