

Benchtop Low Speed Refrigerated Centrifuge Model: TDL-5B








The new generation of microprocessor-based tabletop centrifuges models use brushless induction motor with frequency drive enabling the user to preset speed & time with a high degree of accuracy. Display of set parameters like speed, time etc. make the unit an ideal choice for repetitive sample analysis.

Features:

- ☆ Stainless steel chamber with guarding ring.
- ☆ Two electronic lid locks 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.
- ☆ Pre-cooling during standstill. CFC free refrigeration system (refrigerant R404A or R134A).
- ☆ 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, temperature, acceleration/deceleration, rcf, error display.
- ☆ RPM/RCF adjustable along with the run and value calculating automatically.
- ☆ 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.



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 5/2ml Max. RCF : 2980xg ØxL: 13.5x86mm 13.5x58mm	 No. 6 Swing Rotor	Max. Speed : 4000rpm Capacity : 72 x 5ml/2ml Max. RCF : 2950xg ØxL: 13.5x86mm 13.5x58mm
 No. 7 Swing Rotor	Max. Speed : 4000rpm Capacity : 2 x 2 x96holes Max. RCF : 2390xg ØxL: 137x87x42	*: Share same rotor body	

Technical data:

Model	TDL-5B	Acceleration / Deceleration rates	1~10
Screen	LCD Screen	Motor	Converter motor
Machine Body	Plastic and metal frame	Motor power	450W
Max. Speed	5000rpm	Compressor power	380W
Speed accuracy	±20 rpm	Noise	<55db
Max. RCF	4760xg	Power supply	AC220V 50Hz 10A
Max Capacity	4x100ml	Net weight	69kg
Temp. Range	-20°C~+40°C	Gross weight	79kg
Temp accuracy	±2°C	Dimension	700×460×360mm(L×W×H)
Timer range	1min~99min59s	Package dimension	780×530×460mm(L×W×H)