

Benchtop Low Speed High Capacity Refrigerated Centrifuge



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:

- ◆ Brushless induction motor with frequency drive
- ◆ Stable speed output even under unstable voltage conditions
- ◆ Digital countdown timer
- ◆ Safety lid interlock to prevent lid opening during centrifugation
- ◆ Dynamic brake for quick deceleration
- ◆ Imbalance & Inverter fault detection with auto shutdown
- ◆ Alphanumeric LCD display of speed & RCF (TR-TC-5MT)
- ◆ Recall of last set parameters. (Useful for repetitive analysis)
- ◆ Automatic door opening through gas spring.

Technical Data

Model	TR-TC-5MT	TR-TC-TDL5M
Screen	LCD Touch Screen	LED Digital Screen
Machine Body	Plastic and metal frame	Metal frame
Max. Speed	5500rpm	5500rpm
Max. RCF	5470×g	5470×g
Max Capacity	4x500ml	4x500ml
Temp. Range(at RT25℃)	-20℃~+40℃	-20℃~+40℃
Temp accuracy	±1℃	±1℃
Speed accuracy	±20 rpm	±20 rpm
Timer range	1min~99min59s	1 min~99h59min
Acceleration Rates	1~10	--
Deceleration Rates	1~10	--
Motor	Converter motor	Converter motor
Motor power	750W	750W
Noise	<55db	<55db
Power supply	AC220V 50/60Hz 15A	AC220V 50/60Hz 15A
Net weight	110kg	125kg
Gross weight	150kg	141kg
Dimension	840×600×500mm(L×W×H)	830×640×390mm(L×W×H)
Package dimension	940×700×600mm(L×W×H)	930×740×520mm(L×W×H)