

Thermomac Centrifuge

TMS Series

Electric lid lock, compact design,
high speed and imbalance protection.

Microprocessor control system with
digital display for RCF, time, and speed

11 different rotor options to meet all requirements

Operates at speeds up to 6,000 rpm

High-quality full steel construction housing

Maintenance-free brushless DC motor,
excellent acceleration and deceleration

Easy speed adjustment via control panel

Low noise and vibration level (≤ 58 dB) for
quiet and comfortable operation

Precise timer setting from 0 to 99 min



Technical Specifications

Product Model	TMS6 Max
Maximum Speed	6000 rpm
Maximum RCF	4730 X g
Maximum Capacity	4 X 250 ml
Timer Range	0-99 min
RPM/RCF Conversion	Yes
Noise Level	≤ 58 dB
Acceleration/Deceleration Levels	10 levels
Speed Accuracy	± 20 rpm
Voltage / Frequency	AC 220 V / 110 V - 50/60 Hz
Dimensions (W x D x H)	400 X 570 X 320 mm
Net Weight	35 kg
Certifications	CE, ISO (Calibration report available)



Rotor Options

Code	RO No.	Rotor type	Max. RPM	Capacity	Max. RCF(xg)
TMS624	Ro-69	Swing-out Rotor (Round Bucket)	4000	4 X 250 ml	2880
TMS630	Ro-77	Swing-out Rotor	5000	4 X 100 ml	4730
TMS634	Ro-78	Swing-out Rotor	4000	4 X 2 X 50 ml	3020
TMS632	Ro-78	Swing-out Rotor	4000	4 X 6 X 10/15 ml	3020
TMS627	Ro-27	Swing-out Rotor	4000	4 X 16 X 7 ml	2830
TMS628	Ro-27	Swing-out Rotor	4000	4 X 16 X 5 ml	2400
TMS650	Ro-76	Microplate Rotor	4000	2 x 3 x 96 wells	2310
TMS147	Ro-14	Fixed-angle Rotor	5000	6 X 100 ml	3130
TMS144	Ro-41	Fixed-angle Rotor	5000	12 X 50 ml	3860
TMS143	Ro-11	Fixed-angle Rotor	6000	6 X 50 ml	4110
TMS139	Ro-07	Fixed-angle Rotor	6000	12 X 15/10/7/5 ml	4430


TMS630

TMS634

TMS632

TMS650

TMS624

TMS627

TMS139

TMS144

TMS147

Insert Options

Insert Code	Compatible Rotor	Tube Capacity	Max. Tube Diameter (mm)
TMS6150	TMS624	1 X 50 ml	30mm
TMS6415	TMS624	4 X 15 ml	17mm
TMS6115	TMS624	1 X 15 ml	17mm
TMS6110	TMS624	7 X 10 ml	16mm
TMS617	TMS624	7 X 7 ml	13mm
TMS615	TMS624	7 X 5 ml	13mm
TMS907	TMS632	1 X 7 ml	13mm
TMS905	TMS139	1 X 5 ml	13mm
TMS902	TMS627	1 X 5 ml	23 mm (raised)


TMS902

TMS905

TMS907

TMS615

TMS617

TMS6110

TMS6115

TMS6150

TMS6415