

MS3-MaxiThermo100 / Thermo Shaker incubator

MS3-MaxiThermo100R / Thermo Shaker incubator with cooling

Thermo shaker incubator has fast mixing speed. Combined with intelligent operation, it can not only mix various tubes, PCR plates, deep-well plates, micro plates and other laboratory supplies, but also equip the function of vortexing and heating (cooling) all kinds of tubes to meet different needs of different users.

Perfect Radius and excellent 2 dimensional blend technology with adjustable mixing speed.

Programmable. Efficient shaking and temperature control.

Microprocessor and good linearity of temperature control. Shaking speed is accurate with small fluctuations.

Digital Timing function. Time range is from 0 to 100 hours. Non-Stop operation time to run continuously is also available.

Various blocks to exchange, convenient for replacement.

Built in temperature calibration function and short mixing function.

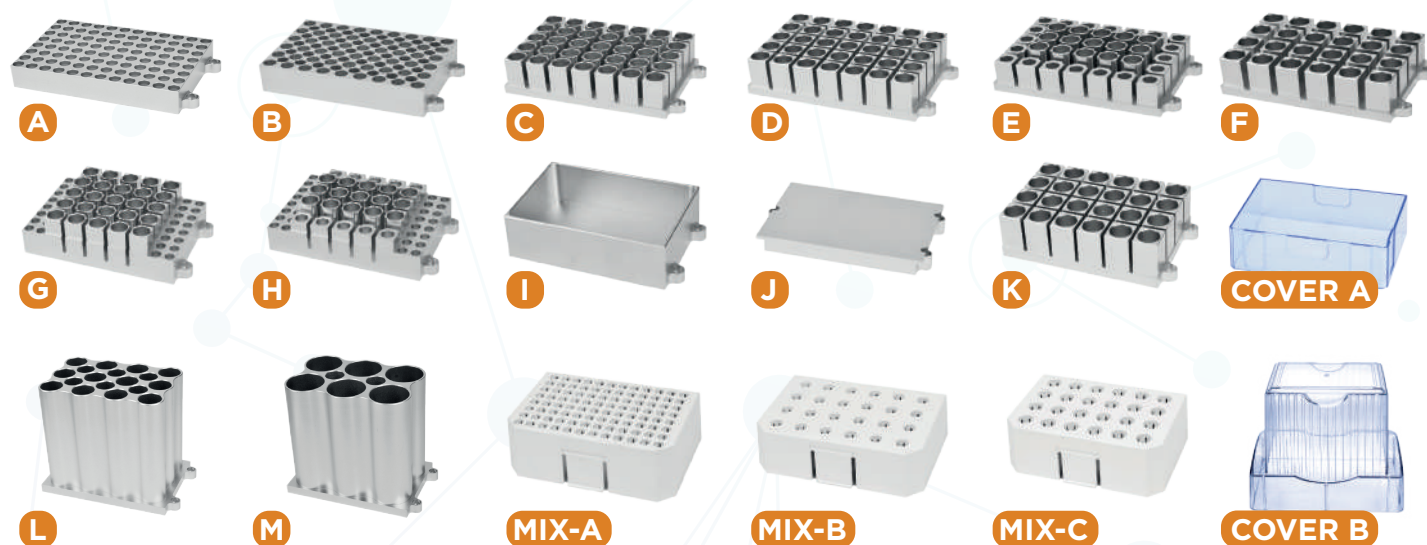
DC brushless motor drive, long life and free of maintenance.

Power recovery function. After power restored instrument can be set to automatically restore the original run. (MS3-MaxiThermo100R)



Specification	MS3-MaxiThermo100	MS3-MaxiThermo100R
Shaker Speed Range	300-2000 rpm	300-1500 rpm
Shaking orbit	3mm (horizontal)	3mm (horizontal)
Temperature Control Range	R.T. +5°C - 100°C	0°C - 100°C
Temperature Max. decrease	-	R.T. decreases 20°C
Temp. Setting Range	+5°C -100°C	0°C -100°C
Digital Timer Control Range	1min-99h59min or continuous	1min-99h59min or continuous
Temperature Stability	± 0,3°C	± 0,3°C
Block temp. uniformity	± 0,3°C	± 0,3°C
Temperature Display Accuracy	0,1°C	0,1°C
Heating Speed	15min (20°C to 100°C)	15min (20°C to 100°C)
Cooling Time	-	30min (R.T. decreases 20°C)
Cooling Speed	-	7°C/min. (100°C drop to 20°C)
Block capacity	1 Standart block	1 Standart block
Voltage	AC 220-230V, 50/60Hz	AC 220-230V, 50/60Hz
Power	200W	200W
Fuse	250V, 3A , Ø5x20	250V, 3A , Ø5x20
Dimensions, WxDxH	196x270x170 mm	196x270x170 mm
Net weight	8,2 kgs	8,8 kgs

Optional Accesories, Blocks



Accesories, blocks parameters

Code	Specification	Diameter of hole	Hole bottom shape	Block dimentions
A	0,2ml tubes x 96	6,7mm	Cone bottom	107x71,5x20mm
B	0,5ml tubes x 54	8 mm	Cone bottom	107x71,5x25mm
C	1,5ml tubes x 35	10,8 mm	Cone bottom	107x71,5x32mm
D	2ml tubes x 35	10,8 mm	Round bottom	107x71,5x32mm
E	0,5ml tubes x 20 + 1,5ml tubes x 15	8 mm/ 10,8 mm	Cone bottom	107x71,5x32mm
F	12mm < Diam. tubes x 24	12mm	Flat bottom	107x71,5x32mm
G	0,2ml tubes x 32 + 1,5ml tubes x 25	6,1 mm/ 10,8 mm	Cone bottom	107x71,5x32mm
H	0,2ml tubes x 32 + 0,5ml tubes x 10 + 1,5ml tubes x 15	6,1 mm/ 8 mm/ 10,8 mm	Cone bottom	107x71,5x32mm
I	Water Bath	103 x 67 x 30mm	Flat bottom	107x71,5x32mm
J	Flat bottom plastes	Top size 69 x 107 x 12mm	Flat plate block	107x71,5x15mm
K	5ml tubes x 24	13,5 mm	Flat bottom	107x71,5x32mm
L	15ml tubes x 12	16,9 mm	Flat bottom	107x71,5x100mm
M	50ml tubes x 6	29,5 mm	Flat bottom	107x71,5x100mm
COVER-A	Suit for block A-I and J	-	-	-
COVER-B	Suit for block J,K,L,M	-	-	-
MIX-A	96 x 0.2ml Tube Stand	-	-	-
MIX-B	24 x 0.5ml Tube Stand	-	-	-
MIX-C	24 x 1.5/2.0ml Tube Stand	-	-	-

K/L/M are not standart blocks, Max speed is 600rpm. MIX-A/B/C are tubes stands.