

Thermo Shaker

- Designed for simultaneous heating and cooling and mixing of small samples, the ST-MS-C-F and ST-MS-C-F are supplied with interchangeable platforms for microtubes.
- Mixing and heating and cooling modes can be used both simultaneously and independently, i.e. the device can work as a shaker and as a shaker and as a thermostat.
- The main unit of the mixing block can be used with different kinds of blocks.
- LCD display. It easy to setup and use.
- Accurately control and display time, temperature and speed.
- Over heating protection device ensures safety & reliability.
- Temperature can be calibrated to met user's needs.
- Low noise working even under the speed of 1,000rpm.
- Conforms to CE safety standard.
- Custom blocks are available to satisfy experimental requirement.
- Gentle, reliable mixing with long-life direct current motor.



Specification of Thermo Shaker

Model	ST-MS-C-F	ST-MS-C-F
Temperature Setting Range	5~100°C	0~100°C
Temperature Control Range	Ambient +5~100°C	Ambient -14~100°C
Timer	1 min ~ 99 hr 59 min	
Mixing Speed (Rotation)	200 ~ 1500 rpm	
Mixing Orbit	2mm	
Temperature Control Accuracy	± 0.3°C	
Display Accuracy	± 0.1°C	
Heating Time (from 20~100°C)	≤ 20 min	≤ 15 min
Cooling Time	-	≤ 20 min (from room temp. -10°C) ≤ 15 min (from 100°C to room temp. +10°C)
Standard Block	See below	
Dimension (L x W x H) mm	300 x 220 x 170	
Net Weight	7kg	8.5kg
Power	150W	200W
Power Supply	AC 220V 50/60Hz	



A



B



C



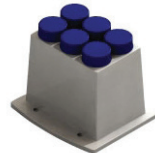
D



E



F



G



H

Dry Block

Model	Capacity	Max. Temperature	Max. Speed
ST-DB-A	96 x 0.2ml	100°C	1500 rpm
ST-DB-B	54 x 0.5ml		1500 rpm
ST-DB-C	35 x 1.5ml		1500 rpm
ST-DB-D	35 x 2.0ml		1500 rpm
ST-DB-E	15 x 0.5ml / 20 x 1.5ml		1500 rpm
ST-DB-F	24 x diam. ≤ Ø 12mm tube		1200 rpm
ST-DB-G	12 x 15ml Falcon		750 rpm
ST-DB-H	6 x 15ml Falcon		750 rpm