



version 1.0



# 2017 BROCHURE

**Thermostirrer**



Major Science thermostirrer series are equipped with built-in stirrers on the bottom of each well combined with excellent temperature control. Pre-configured long-durability motor for chemical compound synthesis, combinatorial chemistry, sample concentration, denaturation, derivatization, enzyme analysis and process optimization.



# Thermostirrer

## TS-8W



- Microprocessor control with digital performance
- Brushless motor for individual well agitation
- Outstanding temp. control performance up to 200°C
- Well-insulation around casework
- Over temp. protection
- LCD screen & timer (standalone model only)



Cooling System Connection Port



TS-8W

Cat. No.	TS-8W-110	TS-8W-220	CM-M0512-001
Controller	Digital microprocessor controller		
Display	2.6" LCD monochrome display		Remote
Motor	Brushless motor		
Number of position	8 wells (2x4) with individual magnetic stirrer **		6 wells with individual magnetic stirrer **
Well diameter	Ø29.5mm, 62mm depth **		Ø23mm, 44mm depth **
Stirring speed	500 - 3500rpm		500 - 2500 rpm
Temperature control range	5°C above ambient to 200°C		
Temperature increment	± 0.1°C		
Temperature uniformity	± 0.7°C @ 150°C		N/A *
Temperature accuracy	± 0.2°C @ 150°C		± 0.5°C @ 120°C
Temperature calibration	Yes		
Operating temperature	Ambient to 40°C		
Timer	99 (hr): 59 (min) / Continuous		
Block material	PTFE coating with individual magnetic		Anodic treatment without PTFE coating **
Data logging	RS 232 (Max. 2.5meter long)		
Safety	Insulated wells around casework		
	Leakage proof for heating chamber		
	Over temperature protection		
Rated voltage	110V~; 50/60Hz	220V~; 50/60Hz	110V~ or 220V~; 50/60Hz
Dimension (mm)(WxLxH)	230x300x160		132.5x299.5x158.9
Weight	Approx. 8.5kg		Approx. 5kg
Power rating	110V for 6.3A	220V for 3.15A	110V for 6.3A / 220V for 3.15A
Power	600W		
Vessel diameter	Max. 28.5mm **		Max. 22mm **
Communication port	RS-232		Modbus RTU by RS-232

\*Temperature uniformity would be dependent on the integration to your automation system.

\*\* Customized Specification.

# Remote Thermostirrer Module

## CM-M0512-001



CE



CM-M0512-001



\* Customization upon request

\*Technical specification subject to change without notice.

\*\*Please visit our website at [www.majorsci.com](http://www.majorsci.com) for more product selection and detailed information.

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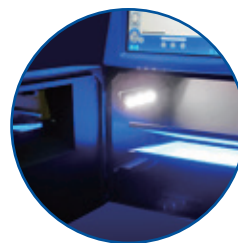
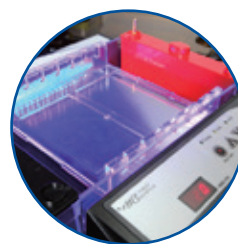
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