



Thermostirrer TS-8W

Major Science Thermostirrers feature leading-edge speed performance and the broadest temperature control range to cover a variety of chemical and biological applications including synthesis of organic compounds, derivatization, drug solubility, protein crystallization and process optimization. Mixing efficiency is maintained uniformly across the sample wells due to independent magnets under each well and thus ensures consistency of experimental results. Furthermore, Major Science designed a remote thermostirrer module for studies that require a thermostatic mixer to function as a part of an automated process such as a polymer viscometers.



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Features:

- Microprocessor control with digital performance
- Brushless motor for individual well agitation
- Outstanding temp. control performance up to 200°C
- User temperature calibration
- Customization available
- Well-insulation around casework
- Over temperature protection
- LCD screen & timer (standalone model only)
- Highest stirring speed, 3500rpm in the market



* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.



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Specifications

Cat. No.	TS-8W-110	TS-8W-220
Controller	Digital microprocessor controller	
Display	2.6" LCD monochrome display	
Motor	Brushless motor	
Number Of Position	8 wells (2x4) with individual magnetic stirrer or customized	
Well Diameter	Ø29.5mm, 62mm depth or customized	
Stirring Speed	500 - 3500rpm	
Temperature Control Range	5°C above ambient to 200°C	
Temperature Increment	± 0.1°C	
Temperature Uniformity	± 0.7°C @ 150°C	
Temperature Accuracy	± 0.2°C @ 150°C	
Temperature Calibration	Yes	
Operating Temperature	Ambient to 40°C	
Timer	99 (hr): 59 (min) / Continuous	
Block Material	PTFE coating with individual magnetic	
Data Logging	RS 232 (Max. 2.5 meter long)	
Safety	Well-insulation around casework	
	Leakage proof for heating chamber	
	Over temperature protection	
Rated Voltage	110V~; 50/60Hz, 6.3A	220V~; 50/60Hz, 3.15A
Dimension (WxLxH)	Approx. 9.1"x11.8"x6.3" (230x300x160mm)	

* Temperature uniformity would be dependent on the integration to your automation system.
 *** Cooling below ambient temperature is feasible to connect with an external chiller.

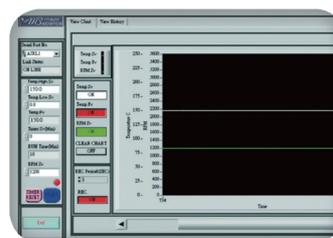


Ordering Information

Cat. No.	Product Description
TS-8W-110	Thermostirrer 8 wells, 110V~
TS-8W-220	Thermostirrer 8 wells, 220V~

Accessories

Cat. No.	Product Description
TS-8W-SW	Functional control and data logging software for Thermostirrer series. Including software CD and cable.



Functional control software package available



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