

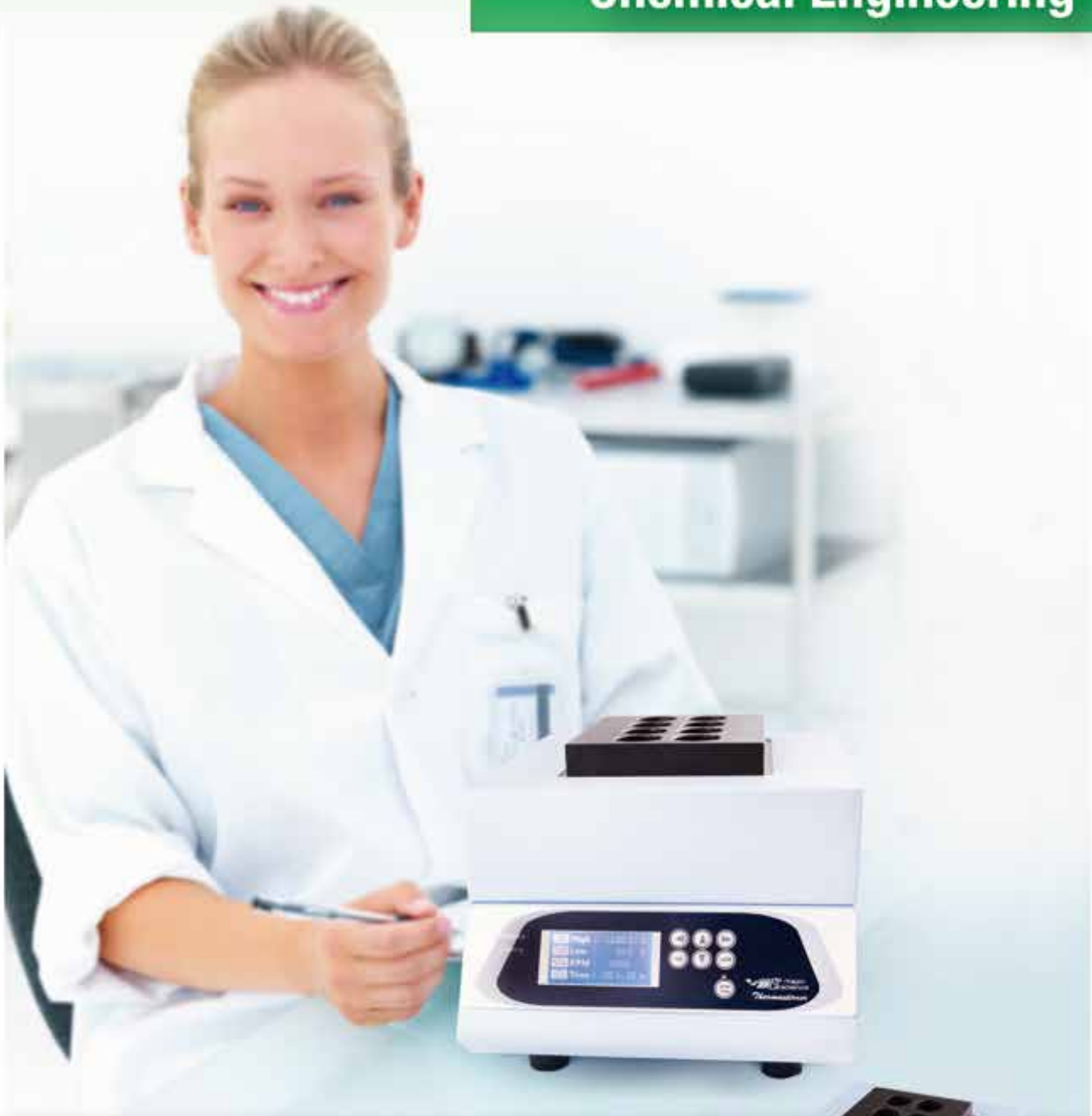


2015 BROCHURE

Innovative Life Sciences Tools



Chemical Engineering



Thermostirrer
TS-8W



Remote ThermoMixer Module
CM-M0512-001

Thermostirrer

Major Science thermostirrer series are equipped with built-in stirrers on the bottom of each well. Combined with excellent temperature control, the instrument is well-suited for a variety of applications, including synthesis of chemical compounds, denaturation, derivatization, combinatorial chemistry, sample concentration, enzyme assays, and process optimization. Further, to extend the flexibility, the remote thermostirrer module is designed with the capability to integrate with automation systems as part of the process flow. Strategically structured, it is perfect to incorporate into processes such as polymer viscometers.

- 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)

Thermostirrer
TS-8W



**Remote
Thermostirrer Module**
CM-M0512-001



* Customization
upon request

Thermostirrer

Cat. No.	TS-8W-110 / TS-8W-220	CM-M0512-001
Display	2.6" LCD	Remote
Number of wells	8 wells (2 x 4) with individual magnetic stirrer (customization upon request)	6 wells with individual magnetic stirrer
Motor Type	Brushless	Brushless
Well Dimensions	Ø29.5mm, 62mm depth	Ø23mm, 44mm depth
Vessel Diameter	Max. 28.5mm	Max. 22mm
Stirring Speed	500-3500rpm	500-2500rpm
Temp. Control Range	5°C above ambient to 200°C	5°C above ambient to 200°C
Timer Range	99(hr) : 59(min), continuous	99(hr) : 59(min), continuous
Block Material	PTFE coating with individual magnetic	Anodic treatment without PTFE coating
Unit Dimension	(L x W x H) 300 x 230 x 160mm	(L x W x H) 299.5 x 132.5 x 158.9mm
Temperature Increment	± 0.1°C	± 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	Yes
Communication Port	RS-232	Modbus RTU by RS-232

*Please visit our website www.majorsci.com for more product selection and detail information.

*Technical specification subject to change without notice.

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



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