



**Thermo Scientific  
Round Top Hotplate Stirrers**

**Make safety and accuracy**  
part of your routine

**Thermo**  
SCIENTIFIC



# Thermo Scientific Round Top Hotplate Stirrers

Our portfolio of roundtop hotplates, stirrers and stirring hotplates offer a wide variety of models and sizes to help maximize your experimental procedures. This extensive line allows you to select from basic analog stirrers, perfect for non critical stirring applications to more advanced digital stirring hotplates where temperature and stirring accuracy are critical for success.

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# Thermo Scientific RT Basic Series Magnetic Stirrers

Experience the reliability of our plug-and-play stirrers, ideal for routine stirring applications.



## FEATURES

- Strong magnetic coupling to ensure consistent stirring during experimental procedures
- Three size options
- Low profile lightweight design with small footprint
- Speed Control: 150 to 2500rpm
- Two non-slip silicone plate covers provided with all units (1 black, 1 white)



### Ordering Information and Specifications

Cat. No.	88880007	88880008	88880009	88880010	88880011	88880012
Plug Configuration						
Mechanism	Brushless DC motor		Brushless DC motor		Brushless DC motor	
Stirring Capacity (H <sub>2</sub> O)	2L		4L		5L	
Speed Range	150 to 2500rpm		150 to 2500rpm		150 to 2500rpm	
Maximum Load (vessel)	15kg / 33.07lbs		20kg / 44.09lbs		25kg / 55.12lbs	
Body Material	Polypropylene		Polypropylene		Polypropylene	
Top Plate Dimensions	120mm / 4.72in diameter		170mm / 6.69in diameter		220mm / 8.66in diameter	
Overall Dimensions (WxDxH)	130 x 130 x 65mm 5.12 x 5.12 x 2.56in		185 x 185 x 65mm 7.28 x 7.28 x 2.56in		230 x 230 x 65mm 9.06 x 9.06 x 2.56in	
Power Consumption	5W		6W		6W	
Power	100 – 240V, 50/60Hz		100 – 240V, 50/60Hz		100 – 240V, 50/60Hz	
Certifications	CE		CE		CE	
Warranty	2 Years		2 Years		2 Years	

### Accessories for RT Basic Series Magnetic Stirrers

### Cat. No.

Non-slip silicone plate cover for items 88880007 and 88880008 (White color, Silicone Ø120cm)

**88880144**

Non-slip silicone plate cover for items 88880009 and 88880010 (White color, Silicone Ø170cm)

**88880145**

Non-slip silicone plate cover for items 88880011 and 88880012 (White color, Silicone Ø220cm)

**88880146**



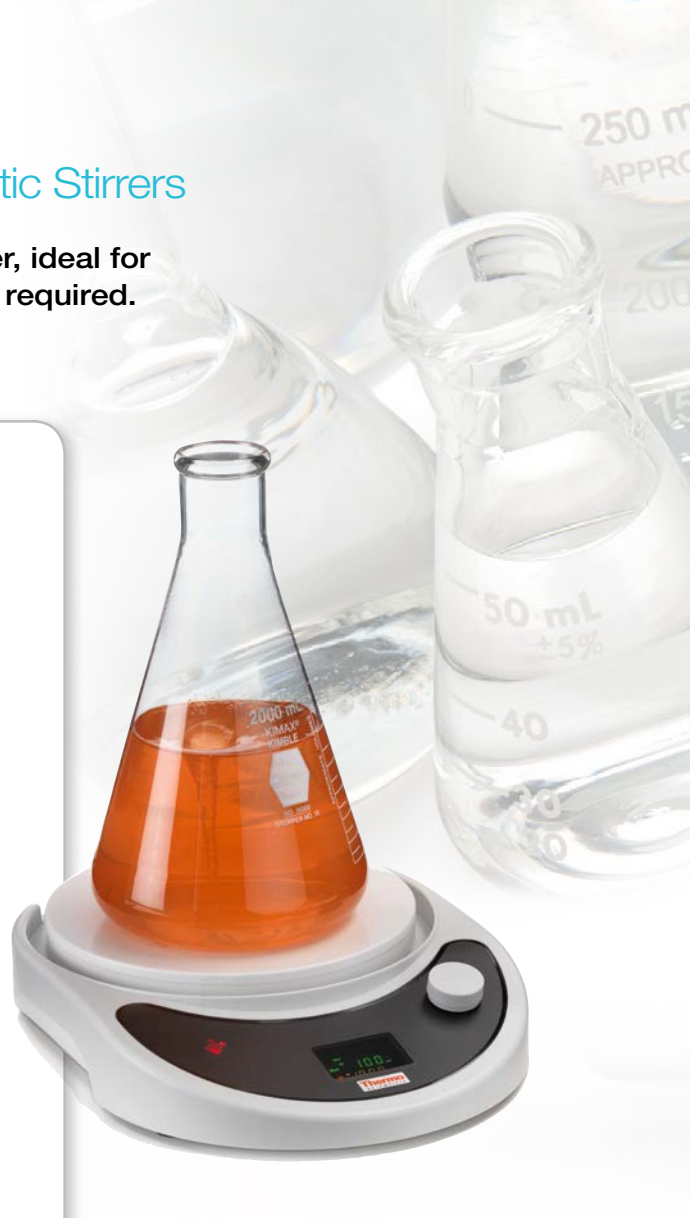
Non-slip Silicone Plate Covers

# Thermo Scientific RT Touch Series Magnetic Stirrers

Stay in control with our low profile digital display stirrer, ideal for routine stirring applications where visible stir speed is required.

## FEATURES

- Digital control
- Gradual start-up stirring to prevent splashing
- Designed for stir rod support
- Low profile lightweight design with small footprint; two sizes available
- Strong magnetic coupling to ensure consistent stirring during experimental procedures
- Speed Control: 30 to 2000rpm
- Two non-slip silicone plate covers provided with all units (1 black, 1 white)



### Ordering Information and Specifications

Cat. No.	88880013	88880014	88880015	88880016
Plug Configuration				
Speed Control	Digital		Digital	
Stirring Capacity (H <sub>2</sub> O)	4L		5L	
Speed Range	30 to 2000rpm		30 to 2000rpm	
Maximum Load (vessel)	20kg / 44.09lbs		25kg / 55.12lbs	
Body Material	Polypropylene		Polypropylene	
Top Plate Dimensions	170mm / 6.69in diameter		220mm / 8.69in diameter	
Overall Dimensions (WxDxH)	210 x 280 x 72mm 8.27 x 11.02 x 2.82in		260 x 360 x 72mm 10.24 x 14.17 x 2.82in	
Power Consumption	6W		6W	
Power	100 – 240V, 50/60Hz		100 – 240V, 50/60Hz	
Certifications	CE		CE	
Warranty	2 Years		2 Years	

### Accessories for RT Touch Series Magnetic Stirrers

	Cat. No.
Non-slip silicone plate cover for items 88880013 and 88880014 (White color, Silicone Ø170cm)	88880145
Non-slip silicone plate cover for items 88880015 and 88880016 (White color, Silicone Ø220cm)	88880146



Non-slip Silicone Plate Covers

## Thermo Scientific RT2 Hotplate

Increase your confidence in safety and accuracy with our low-profile digital display hotplate. Equipped with hot top warning and built-in temperature shut-off to provide accurate heating of samples and safety to the laboratory.



### FEATURES

- Digital control
- Overheat prevention circuit turns off the heater if the top plate temperature reaches 450°C
- Hot top warning indicator
- Microprocessor PID temperature control
- Three user-selectable temperature control modes:
  - > Optimal Mode
  - > Fast Mode
  - > Slow Mode
- Two-user selective timer, showing actual and set value simultaneously
- Non-slip heating bath (optional)
- Transparent safety shield (optional)

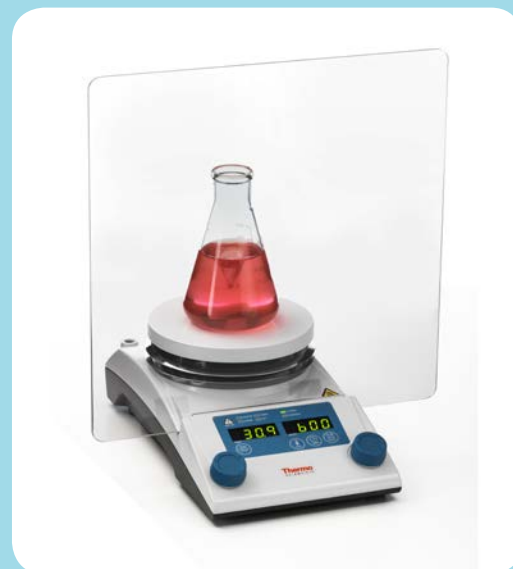
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#### Ordering Information and Specifications

Cat. No.	88880002	88880001
Plug Configuration		
Temperature Range	Ambient 50°C to 350°C / 122°F to 662°F	
Heating Control	Feedback Control with PID	
Display	LED digital (0.1C resolution)	
Maximum Load (vessel)	25kg / 55.1lbs	
Body Material	Cast aluminum	
Top Plate Dimensions	140 mm / 5.5in diameter	
Top Plate Material	Ceramic coated aluminum	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

#### Accessories for RT2 Hotplate

	Cat. No.
Heating Bath	88880141
Transparent Shield (PC)	88880142
Support Rod (Ø12mm, 400mm, M10)	88880143



RT2 with Transparent Shield

# Thermo Scientific RT2 Basic Hotplate Stirrer

Rely on the accuracy of our low-profile analog hotplate stirrer for your routine applications. Each unit is equipped with hot top warning and built-in temperature shut-off.

## FEATURES

- Overheat prevention circuit turns off the heater if the top plate temperature reaches 450°C
- Hot top warning indicator
- Temperature limit adjustable: 50°C to 350°C
- Non-slip heating bath (optional)
- Transparent safety shield (optional)
- Supporting rod (optional) allows flexibility in configuring other test equipment and accessories



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### Ordering Information and Specifications

Cat. No.	88880004	88880003
Plug Configuration		
Temperature Range	Ambient 50°C to 350°C / 122°F to 662°F	
Heating Control	Scale	
Stirring Speed Range	50 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H <sub>2</sub> O)	20L	
Body Material	Cast aluminum	
Top Plate Material	Ceramic coated aluminum	
Top Plate Dimensions	140 mm / 5.5in diameter	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

### Accessories for the RT2 Basic Hotplate Stirrer

	Cat. No.
Heating Bath	88880141
Transparent Shield (PC)	88880142
Support Rod (Ø12mm, 400mm, M10)	88880143



Heating Bath

# Thermo Scientific RT2 Advanced Hotplate Stirrer

Experience precision with our low-profile digital display hotplate stirrer, equipped with PT100 sensor for precise temperature measurements for sensitive experimental procedures.



## FEATURES

- Digital control
- Overheat prevention circuit turns off the heater if the top plate temperature reaches 450°C
- Hot top warning indicator
- Microprocessor PID temperature control
- Three user-selectable temperature control modes:
  - > Optimal Mode
  - > Fast Mode
  - > Slow Mode
- Two-user selective timer, showing actual and set value simultaneously
- User configurable temperature limit setting
- Temperature probe (included) provides the real-time media temperature detection
- Non-slip heating bath (optional)
- Transparent safety shield (optional)

### Ordering Information and Specifications

Cat. No.	88880006	88880005
Plug Configuration		
Temperature Range	Ambient 50°C to 350°C / 122°F to 662°F	
Heating Control	Feedback Control with PID / Scale	
Stirring Speed Range	30 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H <sub>2</sub> O)	20L	
Body Material	Aluminum	
Top Plate Material	Ceramic coated aluminum	
Top Plate Dimensions	140mm / 5.5in diameter	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

### Accessories for RT2 Advanced Hotplate Stirrer

	Cat. No.
Heating Bath	88880141
Transparent Shield (PC)	88880142
Support Rod (Ø12mm, 400mm, M10)	88880143
Temperature Probe (PT 100, SN-8-4 connector sensor)	88880147
C-5, Clamp Holder (PP body, Ø12 mm)	88880148
3 Prong Clamp ( 60mm grip)	88880149
Temperature Probe (PT100, A Class, 400°C)	88880150



Includes Temperature Probe (PT 100, SN-8-4 connector sensor)



[thermoscientific.com/everylab](http://thermoscientific.com/everylab)

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