



**Thermo Scientific
Round Top Hotplate Stirrers**

Make safety and accuracy
part of your routine



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)
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Ordering Information and Specifications

Cat. No.	10054-162	10054-178	10054-180	10054-182	10054-184	10054-186
Plug Configuration		  		  		  
Mechanism	Brushless DC motor		Brushless DC motor		Brushless DC motor	
Stirring Capacity (H ₂ 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 120mm)	10054-302
Non-slip silicone plate cover for items 88880009 and 88880010 (White color, Silicone 170mm)	10054-304
Non-slip silicone plate cover for items 88880011 and 88880012 (White color, Silicone 220mm)	10054-306



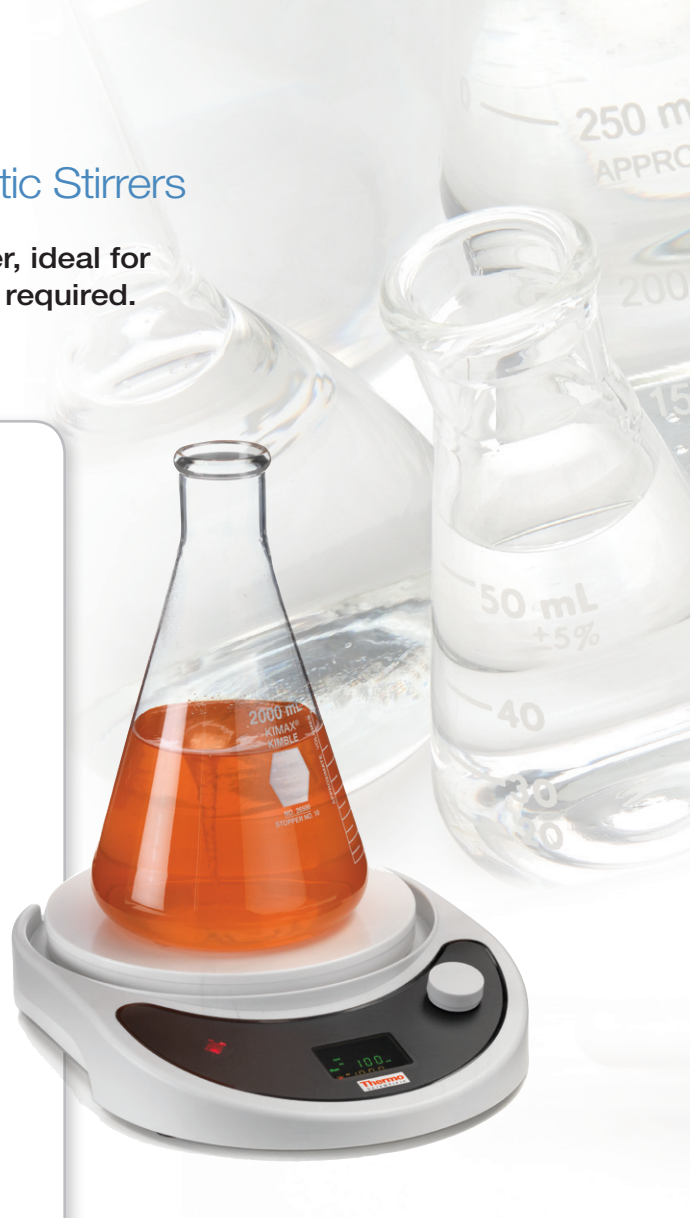
Non-slip Silicone Plate Covers

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)
- Silent and durable brushless DC motor



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Ordering Information and Specifications

Cat. No.	10054-188	10054-190	10054-192	10054-194
Plug Configuration		  		  
Speed Control	Digital		Digital	
Stirring Capacity (H ₂ 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 170mm)	10054-304
Non-slip silicone plate cover for items 88880015 and 88880016 (White color, Silicone 220mm)	10054-306



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)

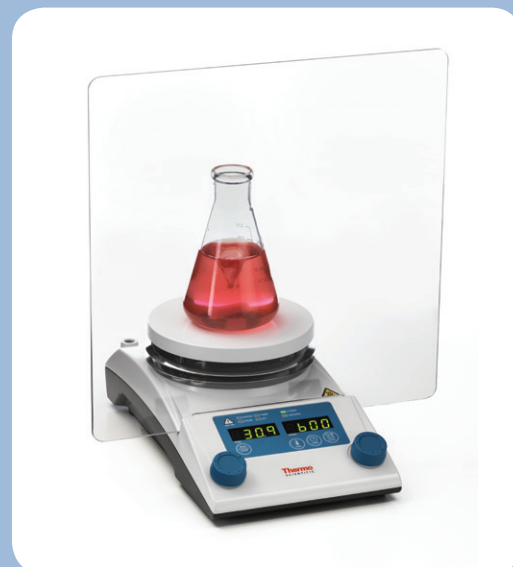
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Ordering Information and Specifications

Cat. No.	10053-862	10053-860
Plug Configuration		
Temperature Range	Max. 350°C / 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	10054-296
Transparent Shield (PC)	10054-298
Support Rod (Ø12mm, 400mm, M10)	10054-300



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.	10054-156	10053-864
Plug Configuration		
Temperature Range	Max. 350°C / 662°F	
Heating Control	Scale	
Stirring Speed Range	50 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H ₂ 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	10054-296
Transparent Shield (PC)	10054-298
Support Rod (Ø12mm, 400mm, M10)	10054-300



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.	10054-160	10054-158
Plug Configuration		
Temperature Range	Max. 350°C / 662°F	
Heating Control	Feedback Control with PID / Scale	
Stirring Speed Range	30 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H ₂ 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	10054-296
Transparent Shield (PC)	10054-298
Support Rod (Ø12mm, 400mm, M10)	10054-300
Temperature Probe (PT 100, SN-8-4 connector sensor)	10054-308
C-5, Clamp Holder (PP body, Ø12 mm)	10054-310
3 Prong Clamp (60mm grip)	10054-312
Temperature Probe (PT100, A Class, 400°C)	10054-314



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



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