



**Thermo Scientific Hotplates,  
Stirrers and Stirring Hotplates**

Performance, technology  
**and safety**

**Thermo**  
SCIENTIFIC

# Thermo Scientific Hotplates, Stirrers and Stirring Hotplates

Safe. Reliable. Easy.

**The success of your work depends upon precision and control.**

The Thermo Scientific™ Cimarec+™ and SuperNuova+™ Series deliver results with an extensive selection of hotplates, stirrers, and stirring hotplates. An impressive combination of reliable performance, advanced safety, and operational simplicity makes it easy to find the perfect instrument for your laboratory requirements. With multiple options at various price points you are sure to find the right solution for your lab.

Cimarec+  
Series



SuperNuova+  
Series



RT (Round Top)  
Series



## ► Exceptional performance

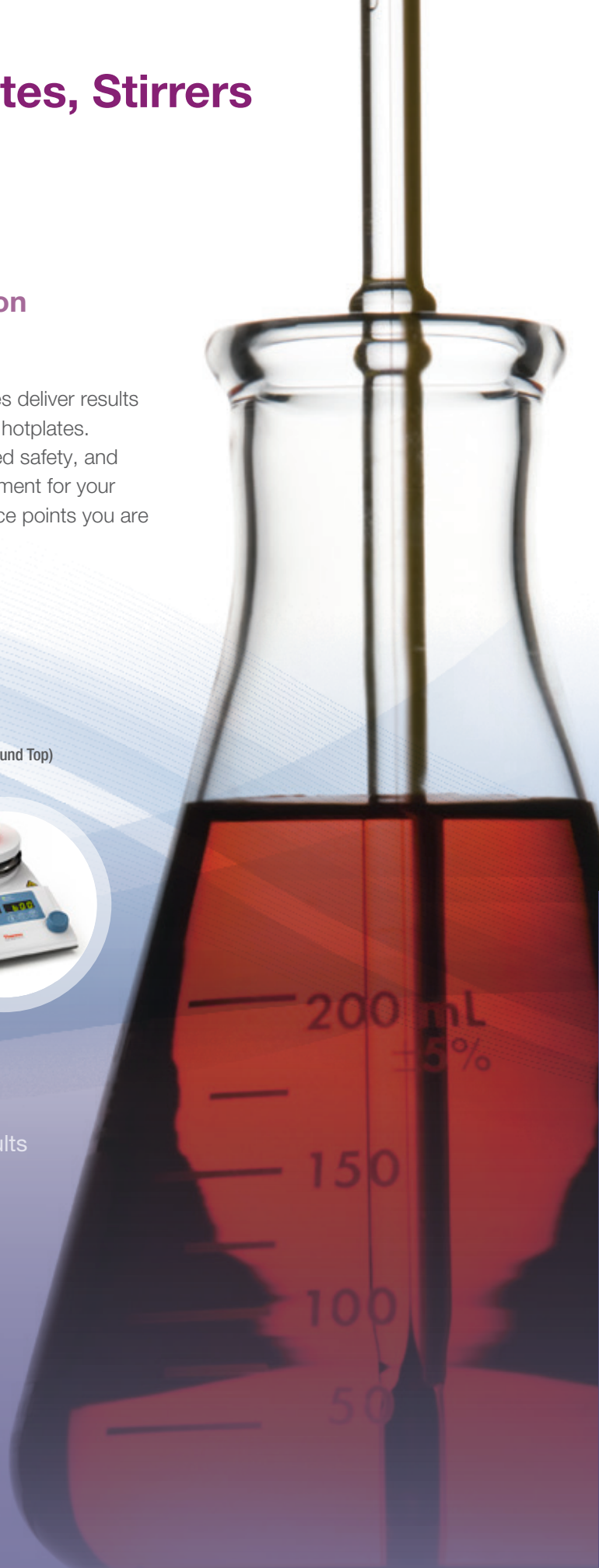
Precise control for accuracy and reproducible results

## ► Intelligent technology

Patented Thermo Scientific StirTrac™ technology delivers outstanding precision and consistency

## ► Dependable safety

Thermo Scientific HOT TOP warning system ensures workplace safety



# Thermo Scientific Cimatec+ Series

Our new Cimatec+ series digital stirrers, hotplates, and stirring hotplates are designed to provide precise stirring control, exceptional safety and temperature performance for your routine protocols.

The Cimatec+ units are available in three sizes, providing flexibility from microscale chemistries to production operations.



Cimatec+ Digital  
Stirring Hotplate

## Advanced technology

- StirTrac features innovative engineering for slow-speed stirring, consistent speed control, and strong magnetic coupling
- Temperature adjustable in 1 degree increments
- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F)
- Automatic over-temperature protection







Simplicity. Safety. Value.

## Flexible, robust design















- Top plate choices in ceramic or aluminum
- Easy-to-read LED display for heating and stirring
- Raised display design protects electronics from spills
- Optional temperature probe and splash guard protection shield
- Variable sizes for different sample volumes
- Stir bar comes standard with stirrer and stirring hotplate models

# Thermo Scientific Cimarec+ Series









Heating Surface: 4.25" x 4.25" (10.8 x 10.8 cm) Overall Dimensions: 5" W x 10" D x 3.6" H (12.7 x 25.4 x 9.1 cm)

|       | Cat. No.   | Description      | Surface Type | Volts/Hz         | Stir Range (RPM) | Max Surface Temp °C | Plug Configuration  |
|-------|------------|------------------|--------------|------------------|------------------|---------------------|---|
| 4"x4" | HP88854100 | Hotplate         | Ceramic      | 100-120V 50/60Hz | N/A              | 540                 |  |
|       | HP88854105 | Hotplate         | Ceramic      | 230V 50/60Hz     | N/A              | 540                 |  |
|       | S88854100  | Stirrer          | Ceramic      | 100-120V 50/60Hz | 50-1500          | N/A                 |  |
|       | S88854105  | Stirrer          | Ceramic      | 230V 50/60Hz     | 50-1500          | N/A                 |  |
|       | SP88854100 | Hotplate Stirrer | Ceramic      | 100-120V 50/60Hz | 50-1500          | 540                 |  |
|       | SP88854105 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 540                 |  |

Heating Surface: 7.25" x 7.25" (18.4 x 18.4 cm) Overall Dimensions: 8.2" W x 13" D x 3.8" H (20.8 x 33 x 9.7 cm)

|       | Cat. No.   | Description      | Surface Type | Volts/Hz                   | Stir Range (RPM) | Max Surface Temp °C | Plug Configuration  |
|-------|------------|------------------|--------------|----------------------------|------------------|---------------------|---|
| 7"x7" | HP88857100 | Hotplate         | Ceramic      | 100-120V 50/60Hz           | N/A              | 540                 |    |
|       | HP88857105 | Hotplate         | Ceramic      | 230V 50/60Hz               | N/A              | 540                 |    |
|       | S88857100  | Stirrer          | Ceramic      | 100-120V 50/60Hz           | 50-1500          | N/A                 |    |
|       | S88857105  | Stirrer          | Ceramic      | 230V 50/60Hz               | 50-1500          | N/A                 |    |
|       | SP88857100 | Hotplate Stirrer | Ceramic      | 100-120V 50/60Hz           | 50-1500          | 540                 |    |
|       | SP88857105 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz (EU Plug)     | 50-1500          | 540                 |    |
|       | SP88857106 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz (AUS/CN plug) | 50-1500          | 540                 |    |
|       | SP88857107 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz (UK Plug)     | 50-1500          | 540                 |    |
|       | HP88857104 | Hotplate         | Aluminum     | 100-120V 50/60Hz           | N/A              | 300                 |    |
|       | HP88857108 | Hotplate         | Aluminum     | 230V 50/60Hz               | N/A              | 300                 |    |
|       | S88857104  | Stirrer          | Aluminum     | 100-120V 50/60Hz           | 50-1500          | N/A                 |    |
|       | S88857108  | Stirrer          | Aluminum     | 230V 50/60Hz               | 50-1500          | N/A                 |  |
|       | SP88857104 | Hotplate Stirrer | Aluminum     | 100-120V 50/60Hz           | 50-1500          | 300                 |  |
|       | SP88857108 | Hotplate Stirrer | Aluminum     | 230V 50/60Hz               | 50-1500          | 300                 |  |

Heating Surface: 10.25" x 10.25" (26.0 x 26.0 cm) Overall Dimensions: 11.3" W x 16.2" D x 4" H (28.7 x 41.1 x 10.2 cm)

|         | Cat. No.   | Description      | Surface Type | Volts/Hz         | Stir Range (RPM) | Max Surface Temp °C | Plug Configuration  |
|---------|------------|------------------|--------------|------------------|------------------|---------------------|---|
| 10"x10" | HP88850100 | Hotplate         | Ceramic      | 100-120V 50/60Hz | N/A              | 400                 |  |
|         | HP88850105 | Hotplate         | Ceramic      | 230V 50/60Hz     | N/A              | 400                 |  |
|         | S88850100  | Stirrer          | Ceramic      | 100-120V 50/60Hz | 50-1500          | N/A                 |  |
|         | S88850105  | Stirrer          | Ceramic      | 230V 50/60Hz     | 50-1500          | N/A                 |  |
|         | SP88850100 | Hotplate Stirrer | Ceramic      | 100-120V 50/60Hz | 50-1500          | 400                 |  |
|         | SP88850105 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 400                 |  |
|         | SP88850106 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 400                 |  |
|         | SP88850107 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 400                 |  |

**Warranty:** Three years **Certifications:** cCSAus (100-120V models), CE (230V models) **RoHS** compliant

## Accessories for Thermo Scientific Cimarec+ and SuperNuova+ Series

| Cat. No.   | Description   |
|------------|---|
| CIC0001444 | Splash guard / safety shield for all Cimarec+ and SuperNuova+ 4" x 4" Stirrers, Hotplates and Hotplate Stirrers                             |
| CIC0001445 | Splash guard protection shield for all Cimarec+ and SuperNuova+ 7" x 7" Stirrers, Hotplates and Hotplate Stirrers                           |
| CIC0001446 | Splash guard / safety shield for all Cimarec+ and SuperNuova+ 10" x 10" Stirrers, Hotplates and Hotplate Stirrers                           |
| CIC0001447 | PT100 External probe, 0-400°C, Stainless steel, for all sizes of Cimarec+ and SuperNuova+ Hotplates and Hotplate Stirrers                   |
| CIC0001448 | PT1000 External probe, 0-400°C, Stainless steel, for all sizes of Cimarec+ and SuperNuova+ Hotplates and Hotplate Stirrers                  |
| CIC0001449 | Hastelloy PT1000 External probe, 0-400°C, Hastelloy, for all sizes of Cimarec+ and SuperNuova+ Hotplates and Hotplate Stirrers              |
| CIC0001830 | Supporting rod to be used with clamp and clamp holder to hold temperature probe and flask, suitable for all Cimarec+ and SuperNuova+ models |
| CIC0001831 | Clamp and clamp holder to attach to supporting rod, suitable for all Cimarec+ and SuperNuova+ models  |

# Thermo Scientific SuperNuova+ Series

Our SuperNuova+ series stirrers, hotplates and stirring hotplates are designed to provide reliable performance, dependable safety and simple operation.

SuperNuova+ units are available in two sizes and provide optimized controls and settings for applications that demand advanced precision.



## Intuitive design

- Top plate choices in ceramic or aluminum
- Easy-to-read LED display for heating and stirring
- Raised display design protects electronics from spills
- Ability to set programs (ramp/dwell) as well as save settings
- Stainless steel PT1000 temperature probe, supporting rod and clamp kit included with both hotplate and stirring hotplate
- Stir bar comes standard with stirrer and stirring hotplate models
- Optional PT1000 temperature probe and splash guard protection shield

## Advanced technology

- StirTrac features innovative engineering for slow-speed stirring, consistent speed control, and stronger magnetic coupling
- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F)

Reliable performance. Ease of operation.

Heating Surface: 7.25" x 7.25" (18.4 x 18.4 cm) Overall Dimensions: 8.2" W x 13" D x 3.8" H (20.8 X 33 X 9.7 cm)

| 7"x7" | Cat. No.   | Description      | Surface Type | Volts/Hz         | Stir Range (RPM) | Max Surface Temp °C | Plug Configuration |
|-------|------------|------------------|--------------|------------------|------------------|---------------------|--------------------|
|       | HP88857190 | Hotplate         | Ceramic      | 100-120V 50/60Hz | N/A              | 450                 |                    |
|       | HP88857195 | Hotplate         | Ceramic      | 230V 50/60Hz     | N/A              | 450                 |                    |
|       | S88857190  | Stirrer          | Ceramic      | 100-120V 50/60Hz | 50-1500          | N/A                 |                    |
|       | S88857195  | Stirrer          | Ceramic      | 230V 50/60Hz     | 50-1500          | N/A                 |                    |
|       | SP88857190 | Hotplate Stirrer | Ceramic      | 100-120V 50/60Hz | 50-1500          | 450                 |                    |
|       | SP88857195 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 450                 |                    |
|       | HP88857194 | Hotplate         | Aluminum     | 100-120V 50/60Hz | N/A              | 300                 |                    |
|       | HP88857198 | Hotplate         | Aluminum     | 230V 50/60Hz     | N/A              | 300                 |                    |
|       | SP88857194 | Hotplate Stirrer | Aluminum     | 100-120V 50/60Hz | 50-1500          | 300                 |                    |
|       | SP88857198 | Hotplate Stirrer | Aluminum     | 230V 50/60Hz     | 50-1500          | 300                 |                    |

Heating Surface: 10.25" x 10.25" (26.0 x 26.0 cm) Overall Dimensions: 11.3" W x 16.2" D x 4" H (28.7 x 41.1 x 10.2 cm)

| 10"x10" | Cat. No.   | Description      | Surface Type | Volts/Hz         | Stir Range (RPM) | Max Surface Temp °C | Plug Configuration |
|---------|------------|------------------|--------------|------------------|------------------|---------------------|--------------------|
|         | HP88850190 | Hotplate         | Ceramic      | 100-120V 50/60Hz | N/A              | 400                 |                    |
|         | HP88850195 | Hotplate         | Ceramic      | 230V 50/60Hz     | N/A              | 400                 |                    |
|         | S88850190  | Stirrer          | Ceramic      | 100-120V 50/60Hz | 50-1500          | N/A                 |                    |
|         | S88850195  | Stirrer          | Ceramic      | 230V 50/60Hz     | 50-1500          | N/A                 |                    |
|         | SP88850190 | Hotplate Stirrer | Ceramic      | 100-120V 50/60Hz | 50-1500          | 400                 |                    |
|         | SP88850195 | Hotplate Stirrer | Ceramic      | 230V 50/60Hz     | 50-1500          | 400                 |                    |

**Warranty:** Three years **Certifications:** cCSAus (100-120V models), CE (230V models) **RoHS** compliant

# Flexible features. Maximum benefits.

With a wide variety of features and options, the Cimarec+ Series, SuperNuova+ Series, and RT Series support all your applications – from basic stirring needs to the most precise high-temperature heating and control. Improve your process. Customize your workflow.



|  | Cimarec+ Series     | SuperNuova+ Series     | RT2 Advanced            | Benefit  |
|--|---------------------|------------------------|-------------------------|--|
| <b>Safety</b>                                    |                     |                        |                         |  |
| Raised display                                   | •                   | •                      | •                       | Guides any spilled liquids away from electronics and controller  |
| HOT TOP warning indicator                        | •                   | •                      | •                       | Visual warning system designed to help prevent burns even when unit is turned off but still plugged in                                     |
| Timer  |                     | •                      | •                       | Allows for untended operation  |
| Over-temperature protection                      | •                   | •<br>(User-Adjustable) | •<br>(User-Adjustable)  | Prevents overheating, short circuiting and internal damage in case of overflow protecting samples  |
| Optional splash guard                            | •                   | •                      | •                       | Shield provides a protective barrier to guard vessels  |
| Keypad lock                                      |                     |                        | •                       | Security   |
| Removable power cord                             | •                   | •                      | •                       | Convenience  |
| <b>Control</b>                                   |                     |                        |                         |  |
| Digital RPM display                              | •                   | •                      | •                       | For more accurate stirring   |
| Digital temperature display                      | •                   | •                      | •                       | For more accurate heating  |
| Programmability                                  |                     | •                      |                         | Convenience and time savings for repeated experiments  |
| Digital temperature display with 0.1C resolution | •                   | •                      | •                       | More precise temperature control   |
| Heating rate adjustable                          |                     |                        | •                       | Ideal when faster or slower heat up times are desired  |
| View current and set temperature simultaneously  |                     | •                      | •                       | Ease of use  |
| User configurable temperature limit setting      |                     | •                      | •                       | For added sample protection  |
| Microprocessor control                           | •                   | •                      | •                       | For improved efficiency  |
| Temperature calibration                          |                     | •                      | •                       | To offset/calibrate the temperature based on the application needs   |
| <b>Performance</b>                               |                     |                        |                         |  |
| Temperature probe                                | Optional            | Included               | Included                | Accurate sample temperature readout and control  |
| Slow speed stirring capability (RPM)             | 50                  | 50                     | 30                      | For precise stirring applications  |
| Large capacity stirring capability (Liter)       | 10                  | 10                     | 20                      | For larger sample volumes  |
| Will maintain stir speed if viscosity changes    | •                   | •                      | •                       | For applications where samples will change viscosity   |
| <b>Flexibility</b>                               |                     |                        |                         |  |
| Range of sizes (inches)                          | 4x4, 7x7, 10x10     | 7x7, 10x10             | 5.5 (140mm)             | Meets a wide range of sample size requirements   |
| Top material options                             | Ceramic or Aluminum | Ceramic or Aluminum    | Ceramic coated aluminum | Ceramic is resistant to chemicals and can handle higher temperatures, aluminum provides temperature uniformity across the entire top plate |
| Optional rods and clamps                         | •                   | •                      | •                       | To hold apparatus  |







# 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 included with all units (1 black, 1 white)



| Cat. No.                   | 88880007  | 88880008  | 88880009  | 88880010   | 88880011  | 88880012  |
|----------------------------|---|---|---|--|---|---|
| Plug Configuration         |  |  |  |  |  |  |
| Mechanism                  | Brushless DC motor  |   | Brushless DC motor  |  | Brushless DC motor  |   |
| Stirring Capacity (H2O)    | 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<br>5.12 x 5.12 x 2.56in  |   | 185 x 185 x 65mm<br>7.28 x 7.28 x 2.56in  |  | 230 x 230 x 65mm<br>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 precise stir speed is required.

## Features

- Digital control
- Gradual start-up stirring to prevent splashing
- Threaded hole for support rod
- 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 included with all units (1 black, 1 white)
- Timer: Run continuously or countdown
- Detachable Plug
- Programmable



| 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 and Top Plate Material          | Polypropylene   |   | Polypropylene   |   |
| Top Plate Dimensions                 | 170mm / 6.69in diameter   |   | 220mm / 8.69in diameter   |   |
| Overall Dimensions (WxDxH)           | 210 x 280 x 72mm<br>8.27 x 11.02 x 2.82in   |   | 260 x 360 x 72mm<br>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<br>(White color, Silicone Ø170cm) | <b>88880145</b> |
| Non-slip silicone plate cover for items 88880015 and 88880016<br>(White color, Silicone Ø220cm) | <b>88880146</b> |



Non-slip Silicone Plate Covers



# Thermo Scientific RT2 Digital 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.

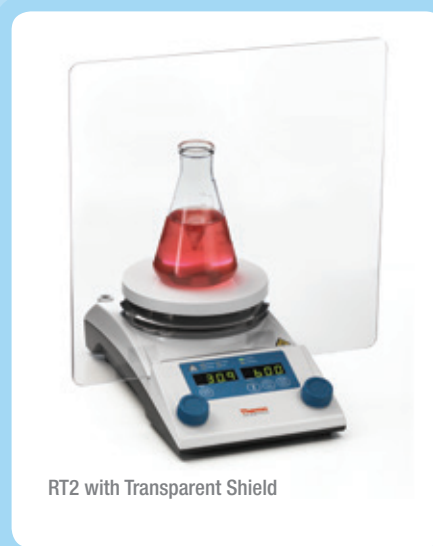
## Features

- Precise digital control with 0.1°C resolution
- Automatic over-temperature safety shut off at 450°C
- HOT TOP warning indicator
- Microprocessor PID temperature control
- Non-slip heating bath (optional)
- Transparent safety shield (optional)
- Two threaded holes for Support Rods
- Keypad lock
- Heating rate can be set from 0 to 100% at 1% interval
- View current and set temperature simultaneously
- Timer can be set to start immediately, count down or start when top plate reaches desired set point
- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing.



| Cat. No.                   | 88880002  | 88880001  |
|----------------------------|---|---|
| Plug Configuration         |  |  |
| Temperature Range          | Max 350°C / 662°F   |   |
| Heating Control            | Feedback Control with PID   |   |
| Display                    | LED digital (0.1°C 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<br>6.34 x 11.42 x 3.94in  |   |
| Heating Power              | 600W  |   |
| Power                      | 120V, 60Hz  | 230V, 50/60Hz   |
| Certifications             | CE, cCSAus  |   |
| Warranty                   | 2 Years   |   |

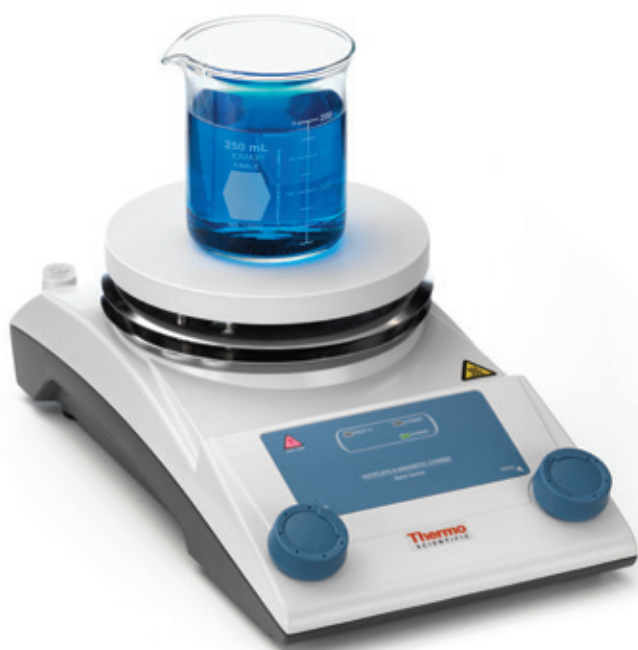
| Accessories for RT2 Hotplate    | Cat. No. |
|---------------------------------|----------|
| Heating Bath                    | 88880141 |
| Transparent Shield (PC)         | 88880142 |
| Support Rod (Ø12mm, 400mm, M10) | 88880143 |



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 over-temperature safety shut-off.



## Features

- Automatic over-temperature safety shut off at 450°C
- HOT TOP warning indicator
- Max temperature of 350°C
- Non-slip heating bath (optional)
- Transparent safety shield (optional)
- Supporting rod (optional)
- Two threaded holes for Support Rods
- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing.
- 20L stirring Capacity

| Cat. No.                   | 88880004  | 88880003  |
|----------------------------|---|---|
| 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 (H2O)    | 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<br>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 |



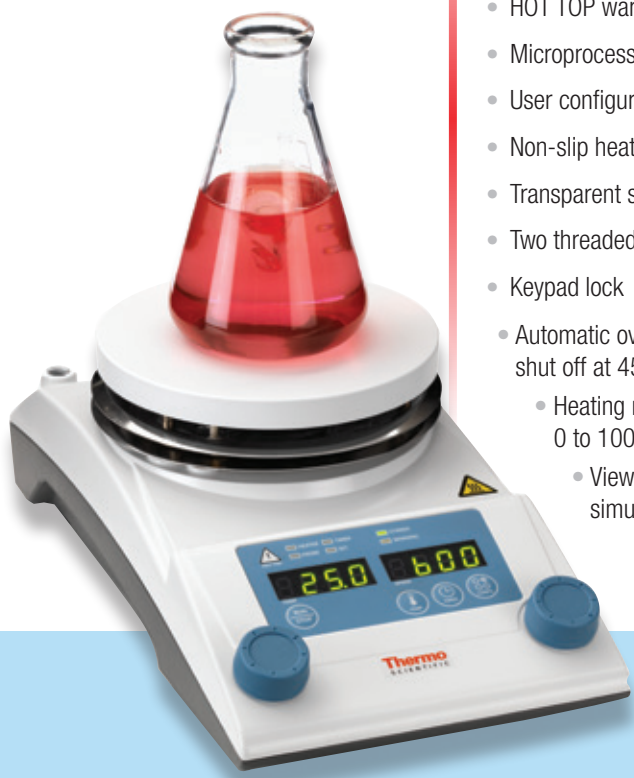
Heating Bath



# 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

- Precise digital control with 0.1°C resolution
- HOT TOP warning indicator
- Microprocessor PID temperature control
- User configurable temperature limit setting
- Non-slip heating bath (optional)
- Transparent safety shield (optional)
- Two threaded holes for Support Rods
- Keypad lock
- Automatic over-temperature safety shut off at 450°C
  - Heating rate can be set from 0 to 100% at 1% interval
  - View current and set temperature simultaneously
- Timer: start immediately or when desired temperature is reached
- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing.
- 20L stirring Capacity
- Stir speed range: 30-2000RPM
- If stirring viscosity changes, the feedback function allows unit to maintain set speed.
- Temperature probe (included)** when coupled, automatically changes to external sensor mode, user can check sample temperature also control via probe on digital display.



| 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 (H2O)    | 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<br>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 |





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