



Thermo Scientific Laboratory Products
for Every Lab, Every Day

essential solutions for
maximizing productivity

Thermo
SCIENTIFIC

hotplates & stirrers

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Thermo Scientific Cimarec Digital Hotplates, Stirring Hotplates & Stirrers

Ideal for labs that require precise temperature stability, strong magnet coupling and advanced safety features



Performance Features

- Microprocessor controls with feedback technology maintain consistent, repeatable temperature settings
- Thermo Scientific StirTrac technology allows smooth low-speed stirring, consistent speed control and stronger magnetic coupling
- StirTrac™ braking brings stir bar to immediate stop for quick flash removal
- Flat top, high-wattage heating elements combine outstanding heat transfer and fast time-to-boil
- Digital display and large control knob enable precise temperature control
- Direct-drive motor and magnet system permits quiet stirring
- Tight seal and safety trough ensure that accidental spills do not penetrate casing
- Integrated ring stand holder to accommodate 0.5 in. diameter (1.3cm) support rod
- Various sizes offered to handle different sample volumes
- Digital error code display

Safety Features

- Cast-aluminum base diverts spills from internal electronics
- HOT TOP warning system helps prevent accidental burns; light activates when heating surface is above 50°C (122°F)
- Low-profile design and stable, rugged base prevent tipping and spillage

Ceramic Top Models

- Clean easily and resist alkalis and acids
- Seamless, reflective white surface aids sample visibility
- High maximum temperature

Aluminum Top Models

- Rugged and chip-resistant for outstanding durability
- Allow uniform heat distribution across surface

Includes: Detachable line cord and plug

Warranty: Three years

Certifications: cCSAus (120V and 220-240V models), CE (220-240v models)

Thermo Scientific Cimarec Hotplates

Cat. No.	Heating Surface Area	Material (Surface)	Temp. Range	Overall L x W x H	Electrical
HP130914Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3in.)	100V 50/60hz
HP130915Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3.63in.)	120V 60Hz, 385w, 3.8A
HP130910-33Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3in.)	220-240V, 50/60, 420w, 1.7A
HP131224Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	100V 50/60hz
HP131225Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	120V 60Hz, 1060w, 8.8A
HP131220-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8 × 3in.)	240V, 50/60, 1150w, 4.8A
HP141924Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	5° to 300°C (41° to 572°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	100V 50/60hz
HP141925Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	5° to 300°C (41° to 572°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	120V 60Hz, 660w, 5.5A
HP141920-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	5° to 300°C (41° to 572°F)	33 × 21 × 10cm (13 × 8 × 3in.)	220-240V, 50/60Hz, 690w, 2.9A
HP131534Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	5° to 400°C (41° to 752°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	100V 50/60hz
HP131535Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	5° to 400°C (41° to 752°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	120V 60Hz, 1410w, 11.7A
HP131530-33Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	5° to 400°C (41° to 752°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	220V, 50/60Hz, 1530w, 6.4A

Thermo Scientific Cimarec Stirring Hotplates

Cat. No.	Heating Surface Area	Material (Surface)	Stirring Range	Temp. Range	Overall L x W x H	Electrical
SP131014Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3.63in.)	100V 50/60hz
SP131015Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3.63in.)	120V 60Hz
SP131010-33Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	25 × 13 × 10cm (10 × 5 × 3.63in.)	220-240V 50/60Hz
SP131324Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	100V 50/60hz
SP131325Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	120V 60Hz
SP131320-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	5° to 540°C (41° to 1004°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	220-240V 50/60Hz
SP142025Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	60 to 1200rpm	5° to 300°C (41° to 572°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	120V 60Hz
SP142020-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	60 to 1200rpm	5° to 300°C (41° to 572°F)	33 × 21 × 10cm (13 × 8.25 × 3.88in.)	220-240V 50/60Hz
SP131634Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	5° to 400°C (41° to 752°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	100V 50/60Hz
SP131635Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	5° to 400°C (41° to 752°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	120V 60Hz
SP131630-33Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	5° to 400°C (41° to 1004°F)	41 × 29 × 10cm (16.25 × 11.38 × 4in.)	220-240V 50/60Hz

Thermo Scientific Cimarec Stirrers

Cat. No.	Stirring Surface Area	Material (Surface)	Stirring Speed	Overall L x W x H	Electrical
S130814Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	25.4 × 12.7 × 9.1cm (10 × 5 × 3.6in.)	100V 50/60hz
S130815Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	25.4 × 12.7 × 9.1cm (10 × 5 × 3.6in.)	120V 60Hz
S130810-33Q	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	60 to 1200rpm	25.4 × 12.7 × 9.1cm (10 × 5 × 3.6in.)	220-240V 50/60Hz
S131124Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	33 × 20.8 × 9.7cm (13 × 8.2 × 3.8in.)	100V 50/60hz
S131125Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	33 × 20.8 × 9.7cm (13 × 8.2 × 3.8in.)	120V 60Hz
S131120-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	60 to 1200rpm	33 × 20.8 × 9.7cm (13 × 8.2 × 3.8in.)	220-240V 50/60Hz
S142125Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	60 to 1200rpm	33 × 20.8 × 9.7cm (13 × 8.2 × 3.8in.)	120V 60Hz
S142120-33Q	18.4 × 18.4cm (7.25 × 7.25in.)	Aluminum	60 to 1200rpm	33 × 20.8 × 9.7cm (13 × 8.2 × 3.8in.)	220-240V 50/60Hz
S131434Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	100V 50/60hz
S131435Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	120V 60Hz
S131430-33Q	26 × 26cm (10.25 × 10.25in.)	Ceramic	60 to 1200rpm	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	220-240V 50/60Hz

Thermo Scientific Super-Nuova Digital Hotplates, Stirring Hotplates & Stirrers

Programmable, microprocessor controlled models offer high performance features and precise control with calibration



Operating Features

- Separate easy to read displays for heating and stirring are adjustable in 1°C and 1rpm increments.
- User programmable preset buttons can store 4 commonly used protocols at the touch of a button – excellent for labs with multiple users
- Microprocessor controlled feedback technology ensures accurate and stable setpoints
- Control either the top plate surface temperature or the liquid temperature (when using the included PTFE-coated probe)
- Calibration mode allows remote probe to the calibrated to external standards at a user selected temperature
- StirTrac technology with superb magnetic coupling provides smooth slow speed stirring and rapid braking.
- Walk away timer shuts off heating, stirring or both after preset user defined interval
- Integrated ring stand, single knob design and RS232 output

Safety Features

- Cast-aluminum base diverts spills from internal electronics
- Low-profile design and stable, rugged base prevent tipping and spillage
- User-adjustable over-temperature protection prevents overheating, short-circuiting and internal damage in case of sample overflow
- Red HOT TOP warning light activates when heating surface is above 50°C (122°F); unit flashes HOT OFF until surface temperature falls to 50°C or below, even when heat control is turned off
- Lock feature prevents accidental changes

Ceramic Top Models

- Clean easily and resist alkalis and acids
- Seamless, reflective white surface aids sample visibility
- Heat to higher temperatures than aluminum tops

Aluminum Top Models

- Rugged and chip-resistant for excellent durability
- Allow uniform heat distribution across surface

Includes: Detachable line cord and plug, 6in. Type K probe.

Warranty: Three years

Certifications: cCSAus (120V, 220-240V models), CE (220-240V models)

Thermo Scientific Super-Nuova Digital Hotplates

Cat. No.	Heating Surface Area	Material (Surface)	Temperature Range	Overall L x W x H	Electrical
HP131724Q	18.4 x 18.4cm (7.25 x 7.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	100V 50/60Hz
HP131725Q	18.4 x 18.4cm (7.25 x 7.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	120V 60Hz
HP131720-33Q	18.4 x 18.4cm (7.25 x 7.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	220-240V 50/60Hz
HP133424Q	18.4 x 18.4cm (7.25 x 7.25in.)	Aluminum	1° to 300°C (33.8° to 572°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	100V 50/60Hz
HP133425Q	18.4 x 18.4cm (7.25 x 7.25in.)	Aluminum	1° to 300°C (33.8° to 572°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	120V 60Hz
HP133420-33Q	18.4 x 18.4cm (7.25 x 7.25in.)	Aluminum	1° to 300°C (33.8° to 572°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	220-240V 50/60Hz
HP133734Q	26 x 26cm (10.25 x 10.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	100V 50/60Hz
HP133735Q	26 x 26cm (10.25 x 10.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	120V 60Hz
HP133730-33Q	26 x 26cm (10.25 x 10.25in.)	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	220-240V 50/60Hz

Thermo Scientific Super-Nuova Digital Stirring Hotplates

Cat. No.	Heating Surface Area	Stirring Range	Material (Surface)	Temp. Range	Overall L x W x H	Electrical
SP131824Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	100V 50/60Hz
SP131825Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	120V 60Hz, 670w, 5.6A
SP131820-33Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	220-240V 50/60Hz, 710w, 3.0A
SP133525Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Aluminum	1° to 300°C (33.8° to 572°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	120V 60Hz, 670w, 5.6A
SP133520-33Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Aluminum	1° to 300°C (33.8° to 572°F)	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	220-240V 50/60Hz, 710w, 3.0A
SP133834Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	100V 50/60Hz
SP133835Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	120V 60Hz, 1210w, 10.1A
SP133830-33Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	1° to 370°C (33.8° to 698°F)	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	220-240V 50/60Hz, 1365w, 5.7A

Thermo Scientific Super-Nuova Digital Stirrers

Cat. No.	Stirring Surface Area	Stirring Range	Material (Surface)	Overall L x W x H	Electrical
S133324Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	100V 50/60Hz
S133325Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	120V, 60Hz
S133320-33Q	18.4 x 18.4cm (7.25 x 7.25in.)	50 to 1200rpm	Ceramic	33 x 20.8 x 9.7cm (13 x 8.2 x 3.8in.)	220-240V, 50/60Hz
S133934Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	100V 50/60Hz
S133935Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	120V, 60Hz
S133930-33Q	26 x 26cm (10.25 x 10.25in.)	50 to 1200rpm	Ceramic	41.1 x 28.7 x 10.2cm (16.2 x 11.3 x 4in.)	220-240V, 50/60Hz

Thermo Scientific RT Hotplates, Stirring Hotplates & Stirrers with Heating Segments

Dependable performance, outstanding safety and exceptional flexibility



Dependable Performance

- Built-in temperature controller and external probe
 - > Easy accurate temperature control
 - > Monitoring the temperature of your sample, bath or heating block
- Braking feature prevents decoupling and brings stir bar to immediate stop for quick flask removal
- StirTrac system with strong magnetic coupling
 - > Excellent low-speed stirring
 - > Consistent speed control
- Microprocessor feedback control provides constant speed despite changes in viscosity
- Super-fast heating blocks save time by reaching 225°C in 15 minutes!*
- Walk-away timer shuts off heating, stirring or both

Outstanding Safety

- Prevent runaway temperatures with independent over-temperature control with user-defined setpoint
- HOT TOP warning system prevents accidental burns
- Low-profile, aluminum base with six nonskid feet provide excellent stability
- Innovative Cool Touch heating block holder for safe and efficient removal of heating blocks
- Design protects internal components from spills

Modular, Flexible...Your Choice.

- Choose from a number of different probe types and sizes
- New versatile RT Elite remote display – use with or without a probe
- RT models available as hotplate only, stirrer only or stirring hotplate – Select only for the features you need
- Choose RT Elite stirring hotplate for advanced features

New! Innovative Heating Blocks

- Safer and cleaner than silicon oil baths, NEW! heating blocks have a fast heat-up rate with a maximum temperature of 350 °C
- NEW! Unique Cool Touch heating block holder stays below 70°C even when blocks are heated up to 225°C
 - > Allows safe removal of blocks from the hotplate by handling only the cool touch heating block holder!

Flexible Options

- Cool Touch holder accommodates any 5 vial segment blocks – or one hemisphere block
- Choose segment blocks for use with vials and hemisphere heating blocks for use with round bottom flasks
- All blocks share temperature probe inlet (0.38mm) for use with remote temperature probe

Features	RT	RT Elite
Built in Timer 1-999 minutes		X
Temperature Display	X	X
Stir Display		X
Timer display		X
Hotplate Only Model	X	
Stirrer Only Model	X	
Hotplate Stirrer Model	X	X
RS232 Port		X
Remote Probe Included	X	X
Use with Heating Blocks	X	X
Use with Remote Display		X
Variable temperature control in 2°C increments up to 150°C; 5°C increments above 150°C up to maximum	X	
Variable temperature control in 1°C increments without probe and 0.1°C increments for temperatures below 100°C when using remote temperature probe.		X

Includes: Detachable power cord and 6 in. (15.2cm) PTFE-coated temperature probe

Warranty^Y: Three years

Certifications: cCSAus (all models), CE (220-240V models)

* with temperature setting at 250°C and ambient temperature 23°C

Cat. Number	Description	Top Plate Material	Stir Range	Heat Range	Overall L x W x H	Electrical
Thermo Scientific RT						
SP136324Q	RT Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
SP136325Q	RT Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
SP136320-33Q	RT Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
SP138724Q	RT Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
SP138725Q	RT Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
SP138720-33Q	RT Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
HP139924Q	RT Hotplate	Aluminum	–	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
HP139925Q	RT Hotplate	Aluminum	–	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
HP139920-33Q	RT Hotplate	Aluminum	–	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
S138924Q	RT Stirrer	Stainless Steel	50-1200 rpm	–	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
S138925Q	RT Stirrer	Stainless Steel	50-1200 rpm	–	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
S138920-33Q	RT Stirrer	Stainless Steel	50-1200 rpm	–	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
Thermo Scientific RT Elite						
TF40000063	RT Elite Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000064	RT Elite Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000065	RT Elite Stirring Hotplate	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
TF40000066	RT Elite Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000067	RT Elite Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000068	RT Elite Stirring Hotplate	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
TF40000096	RT Elite Stirring Hotplate with external temperature display	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000069	RT Elite Stirring Hotplate with external temperature display	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000070	RT Elite Stirring Hotplate with external temperature display	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
TF40000071	RT Elite Stirring Hotplate with external temperature display	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000072	RT Elite Stirring Hotplate with external temperature display	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000073	RT Elite Stirring Hotplate with external temperature display	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
Thermo Scientific RT Elite Kits (All kits include: RT Elite stirring hotplate, external display, segment holder and 1 each of segments 4ml, 8ml, 16ml, 20ml and 40ml)						
TF40000074	RT Elite Stirring Hotplate Kit	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000075	RT Elite Stirring Hotplate Kit	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000076	RT Elite Stirring Hotplate Kit	Aluminum	50-1200 rpm	4° to 350°C (39° to 662°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz
TF40000077	RT Elite Stirring Hotplate Kit	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	100V 50/60Hz
TF40000078	RT Elite Stirring Hotplate Kit	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	120V 60Hz
TF40000079	RT Elite Stirring Hotplate Kit	Stainless Steel	50-1200 rpm	4° to 450°C (38° to 842°F)	28.4 × 16.5 × 9.9cm (11.2 × 6.5 × 3.9in.)	220/240V 50/60Hz

Thermo Scientific RT Heating Blocks and Accessories

Cat. Number	Description	Vial Diameter (mm)	Vial Height (mm)	Hole Depth (mm)	Segment Height (mm)	Number of vials per segment
Heating Blocks						
TF40000019	Segment 4ml	15	45	28	30	9
TF40000020	Segment 8ml	17	60	38	40	8
TF40000021	Segment 16ml	21	70	38	40	5
TF40000022	Segment 20ml	28	57	38	40	3
TF40000023	Segment 40ml	28	95	48	50	3
Cat. Number	Description	Height (mm)	Outer Cylinder Diameter (mm)	Inner Sphere Radius (mm)		
TF40000024	Hemisphere 1000ml	60	156	66.5		
TF40000025	Hemisphere 500ml	50	156	53		
TF40000026	Hemisphere 250ml	40	156	43		
Other Accessories						
TF40000028	Cool Touch segment holder					
TF40000027	Segment kit includes segment holder and 1 each of heating block segments 4 ml, 8ml, 16ml, 20ml and 40ml					
TF40000044	External temperature display for RT Elite					
TC732X1	Remote probe, 6-inch, 316ss (Max. Temp: 1100°C)					
TC732X2	Remote probe, 10-inch, 316ss (Max. Temp: 1100°C)					
TC727X2	Remote probe, 7-inch, PTFE					

Thermo Scientific Nuova Hotplates, Stirring Hotplates & Stirrers

Excellent low end temperature control ideal for warming applications, culture media preparation and slow speed stirring of culture media



- Full stirring and heating capabilities, a compact design and low temperature stability for a wide range of warming applications requiring stir speeds as low as 100rpm
- Reaches maximum temperature in just 8 minutes.* Embedded heating element ensures even heat distribution
- Durable, die-cast aluminum case and corrosion-resistant porcelain-coated stainless-steel top
- Excellent low speed stirring (100rpm) can be achieved by turning knob to setting 1
- Topside drip edge protects internal components from spills
- Stirrer accommodates up to 20 lb. (9.1kg) load
- Porcelain coated stainless steel top gives excellent corrosion resistance

Includes: Integral ring stand holder accommodates a 0.5in. (1.3cm) diameter support rod, TFE stirbar

Warranty^Y: Three years

Certifications: UL, CUL listed (S18520Q, S18525Q, SP18420Q, SP18425Q HP18320Q and HP18325Q only)

Notes: Recommended for use with glass vessels only.

Thermo Scientific Nuova Hotplates

Cat. No.	Surface Area	Temp. Range	Overall L x W x H	Shipping Weight	Electrical
HP18325Q	17.7 x 17.7cm (7.0 x 7.0in.)	38° to 371°C (100° to 700°F)	21.8 x 29.9 x 11.73cm (8.6 x 11.8 x 4.5in.)	4.5kg (10 lb.)	120V, 840w, 7.0A
HP18320Q	17.7 x 17.7cm (7.0 x 7.0in.)	38° to 371°C (100° to 700°F)	21.8 x 29.9 x 11.73cm (8.6 x 11.8 x 4.5in.)	4.5kg (10 lb.)	220 to 240V, 840w, 3.5A
HP18320-26Q	17.7 x 17.7cm (7.0 x 7.0in.)	38° to 371°C (100° to 700°F)	21.8 x 29.9 x 11.73cm (8.6 x 11.8 x 4.5in.)	4.5kg (10 lb.)	220 to 240V (supplied with European cord set), 840w, 3.5A

Thermo Scientific Nuova Stirring Hotplates

Cat. No.	Stirring Speed Range	Surface Area	Overall L x W x H	Temp. Range	Shipping Weight	Electrical
SP18425Q	100 to 1000rpm	17.7 x 17.7cm (7.0 x 7.0in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	38° to 371°C (100° to 700°F)	5kg (11 lb.)	120V, 858w, 7.0A
SP18420Q	100 to 1000rpm	17.7 x 17.7cm (7.0 x 7.0in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	38° to 371°C (100° to 700°F)	5kg (11 lb.)	240V, 851ww, 3.5A
SP18420-26Q	100 to 1000rpm	17.7 x 17.7cm (7.0 x 7.0in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	38° to 371°C (100° to 700°F)	5kg (11 lb.)	240V (with European cord set), 851w, 3.6A

Thermo Scientific Nuova Magnetic Stirrers

Cat. No.	Stirring Speed Range	Surface Area	Overall L x W x H	Shipping Weight	Electrical
S18525Q	100 to 1000rpm	17.8 x 17.8cm (7 x 7in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	4.5kg (10lbs)	120V 50/60Hz, 18w, 0.3A
S18520Q	100 to 1000rpm	17.8 x 17.8cm (7 x 7in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	4.5kg (10lbs)	240V 50/60Hz, 11w, 0.1A
S18520-26Q	100 to 1000rpm	17.8 x 17.8cm (7 x 7in.)	21.8 x 29.9 x 11.43cm (8.6 x 11.8 x 4.5in.)	4.5kg (10lbs)	240V (with European cord set) 50/60Hz, 11w, 0.1A

*assumes ambient temperature of 23°C

Thermo Scientific Cimarec Basic Series

Sleek, rugged, no frills design combined with our renowned quality, performance



- Ideal for economical, general-purpose use
- Sleek, rugged design and construction promotes durability
- New top-plate design reduces chance of breakage
- Spill-away design diverts spills away from internal components
- Solid ceramic top plate cleans easily, resists acids and alkalis
- Integral ring-stand holder accommodates 0.5 in. (1.3cm) diameter support rod

Includes: TFE-coated stir bar
Warranty[†]: Three years
Certifications: cCSAus

Thermo Scientific Cimarec Basic Hotplates

Cat. No.	Surface Area	Top Plate Material	Temp. Range	Overall L x W x H	Electrical
HP194515	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	150° to 538°C (302° to 1000°F)	20 × 14.5 × 12.7cm (7.9 × 5.7 × 5in.)	120V 60Hz, 3.21A, 385w
HP194825	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	150° to 538°C (302° to 1000°F)	28.2 × 21.1 × 12.7cm (11.1 × 8.3 × 5in.)	120V 60Hz, 8.96A, 1062w

Thermo Scientific Cimarec Basic Stirring Hotplates

Cat. No.	Surface Area	Top Plate Material	Stirring Range	Temp. Range	Overall L x W x H	Electrical
SP194715	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	100 to 2500rpm	150° to 538°C (302 to 1000°F)	20 × 14.5 × 12.7cm (7.9 × 5.7 × 5in.)	120V 60Hz, 3.45A, 405w
SP195025	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	100 to 2500rpm	150° to 538°C (302 to 1000°F)	28.2 × 21.1 × 12.7cm (11.1 × 8.3 × 5in.)	120V 60Hz, 9.18A, 1086w

Thermo Scientific Cimarec Basic Stirrers

Cat. No.	Surface Area	Top Plate Material	Stirring Range	Overall L x W x H	Electrical
S194615	10.8 × 10.8cm (4.25 × 4.25in.)	Ceramic	100 to 2500rpm	20 × 14.5 × 12.7cm (7.9 × 5.7 × 5in.)	120V 60Hz, 0.45A, 21w
S194925	18.4 × 18.4cm (7.25 × 7.25in.)	Ceramic	100 to 2500rpm	28.2 × 21.1 × 12.7cm (11.1 × 8.3 × 5in.)	120V 60 Hz, 0.48A, 23w



Thermo Scientific Student Hotplates

Small diameter heating surfaces, which provide high heat in a small footprint, ideal for quick sample testing

- Perforated stainless-steel case allows air to circulate to protect controls and countertop from excess heat
- Thermostatic temperature control provides excellent stability of the top plate temperature and the sample
- Hotplate reaches 260°C (500°F) in just 4.5 min.*
- Recommended for use with glass vessels

Warranty^Y: Three years

Cat. No.	Surface Material	Maximum Temp.	Electrical
HP2305BQ	Aluminum	371°C (700°F)	120V 50/60Hz, 325w, 2.7A
HP2310BQ	Aluminum	371°C (700°F)	240V 50/60Hz, 325w, 1.4A



Thermo Scientific StirBuddy Personal Stirrer

Compact and space-saving design with a large stirring surface to reduce risk of spills

- Solid-state speed control
- Direct-drive motor/magnet assembly stir solutions from water to viscous 50% glycerin
- Stirrer is field recalibratable to accommodate viscous liquids and specialized vessels
- Top plate and base are made of molded thermoplastic polyester

Includes: TFE-coated stir bar
Warranty^Y: Three years

Cat. No.	Stirring Speed	Dimensions	Shipping Weight	Electrical
S168515Q	200 to 2500rpm	15.2 x 7.6cm (6 x 3in.)	1.2kg (2.4 lb.)	120V 60Hz, 0.4A, 48w



Thermo Scientific Stir Light 7 x 7 Stirrer

Illuminates hard-to-see titration end points, and ideal for general laboratory applications including reagent mixing and stirring bacteria cultures

- Lighted top allows easy viewing of samples while stirring
- Light and stirring functions can be used independently
- Large 7 x 7in. acrylic top plate surface accommodates 4L flasks
- Cool fluorescent bulbs minimize heat output
- Features built-in indicator light

Includes: TFE-coated stir bar
Warranty^Y: Three years
Certifications: cCSAus

Cat. No.	Stirring Speed	Top Plate Dimensions ,L x W	Shipping Weight	Electrical
SL194325	250 to 2500rpm	17.8 x 17.8cm (7 x 7in.)	2.7kg (6 lb.)	120V 60Hz, 37w

* with temperature setting at maximum and ambient temperature 23°C

Thermo Scientific Super-Nuova Multi-Position Digital Stirring Hotplates and Stirrers

Ideal for high-volume, high-performance processing and life science/biotechnology applications as well as labs with multiple users



Includes: Detachable line cord and plug, 6in. Type K probe. Stirring models also include stir bar
Warranty: Three years
Certifications: cCSAus (all models), CE (220-240V models)

Operating Features

- Features four independently controlled stirring positions
- Separate easy to read displays for heating and stirring are adjustable in 1°C and 1rpm increments.
- User programmable preset buttons can store 4 commonly used protocols at the touch of a button – excellent for labs with multiple users
- Microprocessor controlled feedback technology ensures accurate and stable setpoints
- Control either the top plate surface temperature or the liquid temperature (when using the included PTFE-coated probe)
- Calibration mode allows remote probe to be calibrated to external standards at a user selected temperature
- StirTrac technology with superb magnetic coupling provides smooth slow speed stirring and rapid braking.
- Walk away timer shuts off heating, stirring or both after preset user defined interval
- Integrated ring stand, single knob design and RS232 output

Safety Features

- Cast-aluminum base diverts spills from internal electronics
- Low-profile design and stable, rugged base prevent tipping and spillage
- User-adjustable over-temperature protection prevents overheating, short-circuiting and internal damage in case of sample overflow
- Red HOT TOP warning light activates when heating surface is above 50°C (122°F); unit flashes HOT OFF until surface temperature falls to 50°C or below, even when heat control is turned off
- Lock feature prevents accidental changes

Thermo Scientific Super-Nuova Multi-Position Digital Stirring Hotplates

Cat. No.	No. of Places	Stirring Range	Temp. Range	Overall L x W x H	Shipping Weight	Electrical
SP135935Q	4	50 to 1200rpm	1° to 370° C (33.8° to 698°F)	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	9.3kg (20.5 lb.)	120V 60Hz, 1400w, 11.8A
SP135930-33Q	4	50 to 1200rpm	1° to 370° C (33.8° to 698°F)	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	9.3kg (20.5 lb.)	220-240V 50-60Hz

Thermo Scientific Super-Nuova Multi-Position Digital Stirrers

Cat. No.	No. of Stirring Positions	Stirring Range	Overall L × W × H	Shipping Weight	Electrical
S136035Q	4	50 to 1200rpm	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	9.3kg (20.5 lb.)	120V 60Hz
S136030-33Q	4	50 to 1200rpm	41.1 × 28.7 × 10.2cm (16.2 × 11.3 × 4in.)	9.3kg (20.5 lb.)	220-240V 50/60Hz

No-Compromise Stirring Performance

Renowned for their outstanding quality and durability, Thermo Scientific Cimarec i stirrers are available in a range of sizes, with inductive drive systems to match the application or process need.

Powerful magnetic couplings ensure precise, reproducible stirring performance for both general and specialty applications. Cimarec i[®] stirrers are available with convenient built-in controllers or with versatile external controllers. All offer safe, low voltage operation. Many models feature hermetically-sealed drive housings that allow operation in challenging laboratory environments and facilitate cleaning.

Units with adjustable power settings, allow users to adjust the power to the lowest level necessary to maintain the desired speed, resulting in an environmentally friendly solution that decreases power consumption and lowers heat output.

Cimarec i Magnetic Stirrers – Maintenance-free, inductive-drive stirrers

Inductive-drive stirrers operate without moving parts, making them uniquely wear-free and maintenance-free.

- Hermetically-sealed drives for safe operation in demanding environments, easier cleaning and contamination prevention
- Single-point and multi-point stirring configurations



Cimarec i Stirrers
Pages 113-119



Thermo Scientific Cimarec i Mini & Micro Stirrer



Cimarec i Mini Stirrers

No larger than a thumbnail, perfect for stirring cuvettes

- Stir speeds up to 1400 rpm
- Stir volumes up to 5 mL

Cimarec i Micro Stirrers

Hermetically sealed housing resists dust and microorganisms

- Suitable for use in high humidity conditions, and can be fully submerged in water baths up to 95°C
- Stainless-steel housing has excellent chemical resistance
- Stir speeds up to 1400 rpm; stir volumes up to 1L

Controller Choices

The Cimarec i Micro and Mini series stirrers come standard with your choice of controller. Choose the Cimarec i standard Telemodul controller with its space saving design or the Cimarec i Telemodul 20C with micro-processor controls, adjustable power setting and programmability.

LINK & SYNC

Link and Sync up to 8 Mini or Micro stirrers using one controller with optional distributors (see page 118) and 50088140 Mini stirrers without controller or 50088139 Micro stirrers without controller.

Warranty[†]: Five years
Certifications: CE

Cat. No.	Model	Stirring Speed	Power Setting	Protection Class (stirrer only)	Overall L x W x H	Weight	Electrical
50088130	Mini w/ Telemodul	130 to 1000rpm	0.1w	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	230V Euro
50088132	Mini w/ Telemodul	130 to 1000rpm	0.1w	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	230V UK
50088126	Mini w/ Telemodul	130 to 1000rpm	0.1w	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	100V Japan
50088118	Mini w/ Telemodul	130 to 1000rpm	0.1w	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	115V USA
50088120	Mini 20 w/ Telemodul 20C	130 to 1400rpm	0.5/0.1/0.15/0.2w	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	100-240V
50088140	Mini w/o Controller	–	–	IP68	12 × 12 × 5mm (0.47 × 0.47 × 0.19in.)	0.02kg	–
50088162	Micro w/Telemodul	130 to 1000rpm	3w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	0.2kg	230V Euro
50088150	Micro w/Telemodul	130 to 1000rpm	3w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	0.2kg	115V USA
50088151	Micro w/Standard Telemodul	130 to 1000rpm	3w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	2.3kg	230V UK
50088155	Micro w/Standard Telemodul	130 to 1000rpm	3w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	2.3kg	230V Australia
50088149	Micro w/Standard Telemodul	130 to 1000rpm	3w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	2.3kg	100V Japan
50088148	Micro 20 w/Telemodul 20C	130 to 1400rpm	2/4/6/8w	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	0.2kg	100-240V
50088139	Micro w/o Controller	–	–	IP68	48 × 48 × 15mm (1.8 × 1.8 × 0.6in.)	0.2kg	—

OPERATING CONDITIONS:

Mini: -10 to +56°C at 95% rH ; 100-240 V units contain a cord set with various plugs

Micro: -10 to 120°C at 95% rH or 0-95°C submerged in water; 100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec i Maxi & Compact Stirrers

100% maintenance- and wear-free, hermetically sealed units designed for challenging stirring environments



- Powerful magnets and no moving parts, these inductive-drive stirrers are designed to go into water baths and incubators.
- Outstanding mechanical, physical, thermal and chemical resistance
- Large, flat, easy-to-clean work surfaces
- Hermetically sealed chemically-resistant housing resists dust and microorganisms
- All models submersible for use in water baths up to 50°C
- Link and Sync up to 8 Compact stirrers or 4 Maxi stirrers using one controller with optional distributors (see page 118) and 50088137 Compact stirrer or 50088127 Maxi stirrer without controller

LINK & SYNC

Cimarec i Maxi Stirrer with External Control

- Stir speeds up to 2000rpm
- Stir volumes up to 5L

Cimarec i Compact Stirrer with External Control

- Stir speeds up to 1400rpm
- Stir volumes up to 1.5L

Controller Choices

The Cimarec i Compact and Maxi stirrers come standard with your choice of controller. Choose the Cimarec i standard Telemodul controller with its space-saving design, the Cimarec i Telemodul 20C with microprocessor controls, adjustable power setting and programmability or the Cimarec i Telemodul 40C with higher speeds, more power settings and PC control. Adjustable power settings available on the Telemodul 20C and Telemodul 40C offer decreased power consumption and lower heat output

Warranty*: Five years
Certifications: CE

Cat. No.	Model	Stirring Speed	Power Settings	Material	Protection Class (stirrer only)	L x W x H	Weight	Electrial
50088143	Maxi w/Standard Telemodul	130 to 1000rpm	6w	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	230V, Euro
50088145	Maxi w/Standard Telemodul	130 to 1000rpm	6w	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	230 V UK
50088146	Maxi w/Standard Telemodul	130 to 1000rpm	6w	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	100 V Japan
50088147	Maxi w/Standard Telemodul	130 to 1000rpm	6w	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	115V, USA
50088135	Maxi w/Telemodul 20C	130 to 1400rpm	4.5/9/13.5/18	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	100-240V
50088122	Maxi w/Telemodul 40C	130 to 2000rpm	3-36w	Stainless Steel	IP68	18 × 18 × 3.5cm (7.1 × 7.1 × 1.4in.)	2.3kg (5.1 lb.)	100-240V
50088152	Compact w/Standard Telemodul	130 to 1000rpm	5w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	1kg (2.2 lb.)	Euro 230V
50088142	Compact w/Standard Telemodul	130 to 1000rpm	5w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	1kg (2.2 lb.)	115V, USA
50088153	Compact w/Standard Telemodul	130 to 1000rpm	5w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	2.3kg (5.1 lb.)	230 V UK
50094111	Compact w/Standard Telemodul	130 to 1000rpm	5w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	2.3kg (5.1 lb.)	230 V Australia
50088154	Compact w/Standard Telemodul	130 to 1000rpm	5w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	2.3kg (5.1 lb.)	100 V Japan
50088133	Compact w/Telemodul 20C	130 to 1400rpm	3/6/9/12w	Stainless Steel	IP68	12 × 12 × 3.5cm (4.7 × 4.7 × 1.4in.)	1kg (2.2 lb.)	100-240V

OPERATING CONDITIONS: -10 to +56°C in air; 0 to 50°C submerged in water.
100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec i Mono & Maxi Direct Stirrers

With powerful magnets and no moving parts, these inductive-drive stirrers are the perfect choice for your general lab needs.



- 100% maintenance- and wear-free
- Compact, space-saving design with large, flat, easy-to-clean work surfaces
- Gradual start acceleration is gentle and ensures optimum magnetic coupling
- Adjustable power settings are separate from the speed control—decreasing power consumption and lowering heat output

Cimarec i Mono Direct Stirrer

- Easy-to-use rotary knob design
- Rugged powder-coated stainless-steel housing
- Stir volumes up to 3L

Cimarec i Maxi Direct Stirrers

- Precise microprocessor control with bright digital display
- Easy-to-clean, chemical resistant, sealed stainless-steel housing
- Easily recall last used settings
- Stir volumes up to 5L
- Smooth and even stirring as low as 80 rpm

Warranty*: Five years
Certifications: CE

Cat. No.	Description	Overall L x W x H	Stirring Speed	Protection Class	Weight	Power Settings	Voltage/ Plug Type
50094711	Mono Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	130 to 1200rpm	IP32	1.4kg (3 lb.)	1/5W	230V Euro
50095601	Mono Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	130 to 1200rpm	IP32	1.4kg (3 lb.)	1/5W	115V USA
50096203	Mono Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	130 to 1200rpm	IP32	1.4kg (3 lb.)	1/5W	230V UK
50097289	Mono Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	130 to 1200rpm	IP32	1.4kg (3 lb.)	1/5W	230V Australia
50095921	Mono Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	130 to 1200rpm	IP32	1.4kg (3 lb.)	1/5W	100V Japan
50094713	Maxi Direct	215 × 180 × 35mm (8.5 × 7.1 × 1.4in.)	80 to 2000rpm	IP64	2.5kg (5.5 lb.)	5/10/15/20W	100-240V

OPERATING CONDITIONS are -10° to +40°C at 95% RH.
100-240V units contain a cord set with various plugs

Thermo Scientific Cimarec i Poly 15 & Multipoint Stirrers

100% maintenance and wear-free stirrers available in platforms with up to 15 positions



- Ideal for mass screening applications and other applications requiring multiple stirring points
- Inductive drive stirrers offer 100% maintenance and wear-free features in a fully synchronized multipoint platform
- Large, flat easy-to-clean work surfaces
- Precise microprocessor control with bright digital display
- Easily recall last used settings
- Gradual start acceleration is gentle and ensures good magnetic coupling

Cimarec i Poly 15 Stirrer

- Rugged powder-coated stainless-steel housing
- Stir speeds up to 990rpm
- Suitable for 15 × 250mL beakers or 6 × 1L flasks

Cimarec i Multipoint 6/15 Stirrers

- IP64 protection rated; easily cleaned with running water
- Easy-to-clean, chemical resistant, sealed stainless steel housing
- Chemical resistant, sealed stainless-steel housing
- Adjustable power settings are separate from the speed control that decreases power consumption and lowers heat output
- Smooth and even stirring as low as 80rpm and up to 2000rpm
- Stir volumes up to 3L per multipoint

Warranty^Y: Five years
Certifications: CE

Cat. No.	Model	No. of Stirring Positions	Power Settings	Overall L x W x H (16.5 × 9.4 × 1.4in.)	Stirring Speed	Protection Class	Weight	Electrical
50094596	Poly 15	15	10w	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	130 to 990rpm	IP32	6kg	100-240V
50093557	Multipoint 6	6	5/10/15/20w	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	80 to 2000rpm	IP64	7.5kg	100-240V
50093538	Multipoint 15	15	5/10/15/20w	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	80 to 2000rpm	IP64	7.5kg	100-240V

OPERATING CONDITIONS: -10 to +40°C at 95% rH; 100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec i Telesystem Multipoint Stirrers

Designed for use with aggressive media, in high humidity environments and for integration with incubators and controlled climate chambers



- All models submersible for use in water baths up to 50°C
- Inductive drive is 100% wear and maintenance free and ensures completely synchronized stirring at all positions
- 6-, 15- or 60-position stirrers
- IP68 protection rated; easily cleaned with running water
- Smooth and even stirring from 100rpm up to 2000rpm
- Stir volumes up to 2L per multipoint
- External controllers decrease power consumption and lower heat output
- Chemical resistant, sealed stainless-steel housing
- Easy recall of last used settings

Controller Choices

The Cimarec i Telesystem multipoint stirrers come standard with your choice of controller. Choose the Cimarec i Telemodul 20C controllers with microprocessor controls, adjustable power setting, and programmability or the Cimarec i Telemodul 40C controllers with higher speeds, more power settings, and PC control.

Warranty[†]: Five years
Certifications: CE

Cat. No.	Model	Protection Class	Power Setting	Stir Volume per point	Overall L x W x H	Stirring Speed	Weight	Electrical
50088077	Telesystem 6 Position w/Telemodul 20C	IP 68	5/10/15/20w	1-1500ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	130 to 1400rpm	7.5kg (16.5 lb.)	100-240V
50088078	Telesystem 6 Position w/Telemodul 40C	IP 68	4-40w	1-2000ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	100 to 2000rpm	8kg (17.6 lb.)	100-240V
50088034	Telesystem 15 Position w/Telemodul 20C	IP 68	5/10/15/20w	1-1000ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	130 to 1400rpm	7.5kg (16.5 lb.)	100-240V
50088036	Telesystem 15 Position w/Telemodul 40C	IP 68	4-40w	1-1200ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	100 to 2000rpm	8kg (17.6 lb.)	100-240V
50088009	Telesystem 60 Position w/Telemodul 20C	IP 68	5/10/15/20w	0.1-50ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	130 to 1400rpm	7.5kg (16.5 lb.)	100-240V
50088011	Telesystem 60 Position w/Telemodul 40C	IP 68	4-40w	0.1-100ml	420 × 240 × 35mm (16.5 × 9.4 × 1.4in.)	100 to 2000rpm	8kg (17.6 lb.)	100-240V

OPERATING CONDITIONS: -10° to +56°C at 100%RH in air; 0° to 50°C submerged in water.
100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec Stirrer Accessories



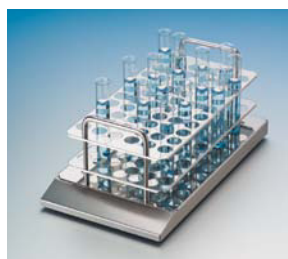
Thermo Scientific Cimarec i Thermostats

Cat. No.	Model	Voltage	Includes	For Use With
50087876	Thermostat 60°C	115V	Circulation pump and digital temperature display	Telesytem Cimarec i Stirrers
50087884	Thermostat 60°C	230V	Circulation pump and digital temperature display	Telesytem Cimarec i Stirrers
50087867	Thermostat 95°C	115V	Circulation pump and digital temperature display	Telesytem Cimarec i Stirrers
50087875	Thermostat 95°C	230V	Circulation pump and digital temperature display	Telesytem Cimarec i Stirrers



Thermo Scientific Cimarec i Bath Mounts

Cat. No.	Material	Dimensions (L x W x H)	Capacity	Operating Temp.	For Use With
50087880	Transparent Acrylic	610 × 330 × 185mm (24 × 13 × 7.3in.)	15L (3.9 gal.)	0° to 60°C	Telesytem Cimarec i Stirrers
50087882	Stainless Steel	520 × 315 × 160mm (20.4 × 12.4 × 6.3in.)	15L (3.9 gal.)	-10 to +200°C	Telesytem Cimarec i Stirrers



Thermo Scientific Cimarec i Test Tube Racks

Cat. No.	Material	For Use With
50087957	Stainless Steel	20mm tubes in Telesytem Cimarec i Stirrers
50087955	Stainless Steel	16mm tubes in Telesytem Cimarec i Stirrers



Thermo Scientific Cimarec i Benchtop Distributors

LINK & SYNC

- Ensure identical operating conditions for multiple stirrer installations
- Even power distribution for synchronized stirring
- Benchtop distributors ensure identical operating conditions for multiple stirrer installations.
- Simultaneous control of 2, 4, 6 or 8 Mini, Micro or Compact series stirrers using a single Cimarec i Telemodul 20C or Cimarec i Telemodul 40C external controller
- Simultaneous control of 2 or 4 Maxi series stirrers using a single Cimarec i Telemodul 20C or Cimarec i Telemodul 40C external controller
- Even power distribution for synchronized stirring

Cat. No.	Model
50091720	4-Place Distributor
50091721	8-Place Distributor

Thermo Scientific Cimarec Extension Cables

Cat. No.	Model	Length	Compatibility
50088016	4-Pin Extension Cable	3m (9.8ft.)	Cimarec i Telemodul 20C, 40C and Cimarec Telemodul 10M Controllers
50088021	6-Pin Extension Cable	3m (9.8ft.)	Cimarec Telemodul Biosystem 40B Controller
50088102	8-Pin Extension Cable	3m (9.8ft.)	Cimarec Telemodul 40M and 80M Controllers

Thermo Scientific Cimarec i Telemodul Controllers



Included with the Cimarec i Micro, Mini, Compact, and Maxi Stirrers

- Order as replacement controller only.
- Single point stirring power for small to medium volumes (up to 250mL)

Cat. No.	Stirring Speed	Speed Control Accuracy	Stirring Power Relative to Rated Power	Ambient Temp. Range	Overall L x W x H	Weight	Electrical
50119115	130 to 1000rpm	±3	100%	0° to 40°C @ 80% relative humidity	96 × 63 × 50mm (3.7 × 2.4 × 1.9in.)	0.4kg (0.8 lb.)	230V/12V DC 7W
50119119	130 to 1000rpm	±3	100%	0° to 40°C @ 80% relative humidity	96 × 63 × 50mm (3.7 × 2.4 × 1.9in.)	0.4kg (0.8 lb.)	115V/12V DC 7W

Thermo Scientific Cimarec i Telemodul 40C and 20C Controllers



Included with the Cimarec i Micro, Mini, Compact, Maxi and Telesystems Stirrers

- Order as replacement controller only
- High speeds and power settings for more demanding stirring tasks
- Single-handed operation with straightforward turn and press adjustment wheel
- Three individual program, store and recall keys for rapid start-up
- Last used settings stored in memory
- Rocking/shake mode reverses stir bar direction for a gentle back and forth stirring motion
- Four power settings to decrease power consumption and lower heat output
- 10 power settings (40C model) and four power settings (20C model) to decrease power consumption and lower heat output
- RS-232 interface for data transfer and PC control (40C model only)

Cat. No.	Stirring Speed	Speed Control Accuracy	Rated Power	Stirring Power Relative to Rated Power	Ambient Temp. Range	Starting Times/ Pause Times	Output Voltage	Overall L x W x H	Weight
50090774	100 to 2000rpm	±1	40w	10 to 100 (10 levels)	0° to 40°C @ 80% relative humidity	5 sec. to 60 min.	36V DC	165 × 155 × 95mm (6.4 × 6.1 × 3.7in.)	0.7kg (1.5 lb.)
50090773	130 to 1400rpm	±1	20w	25/50/75/100 (4 levels)	0° to 40°C @ 80% relative humidity	5 sec. to 60 min.	20V DC	165 × 155 × 95mm (6.4 × 6.1 × 3.7in.)	0.6kg (1.3lb.)

Thermo Scientific Cimarec Biosystem Slow Speed Stirrer for Cell Culture

Gentle stirring of microcarrier cultures, culture broths and cell suspensions inside your CO₂ incubator



- Hermetically sealed housing resists microorganisms — separate external controller ensures only the hermetically sealed stirrer is exposed to the CO₂ environment
- Heatless operation will not compromise the incubator chamber conditions
- Stainless-steel housing is easy to clean and resists aggressive media
- Gradual low-shear acceleration on start-up
- Smooth and even stirring as low as 5rpm
- Adjustable controller power settings decrease power consumption and lower heat output
- Single position stirrers stir up to 20L; Four-position stirrers stir up to 5L per position

Required Cimarec Biosystem 40B Controller:

50118915 – 230V Germany	50118919 – 230V Switzerland
50118918 – 230V UK	50126086 – 115V US
50118921 – 230V China	50118917 – 230V Denmark
50118916 – 230V Italy	50118920 – 230V Australia

Cat. No.	Model	Dimensions (L x W x H)	Weight	Stir Speed	Protection Class	Power Setting
50119113	Biosystem w/o Controller	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP68	0.4 to 4w
50119114	Biosystem 4-Position w/o Controller	330 × 330 × 60mm (12.9 × 12.9 × 2.4in.)	9.4kg (20.7 lb.)	5 to 120rpm	IP68	0.4 to 4w

Thermo Scientific Cimarec Biosystem Direct Slow Speed Stirrer

Gentle stirring outside of a CO₂ incubator



- Heatless operation protects heat-sensitive cell culture
- Stainless-steel housing is easy to clean and resists aggressive media
- Gradual low-shear acceleration on start-up
- Smooth and even stirring as low as 5rpm
- Single position stirrers stir up to 5L; Four-position stirrers stir up to 2L per position
- Built-in controller

Warranty*: Five years
Certifications: CE marked

Cat. No.	Model	Dimensions (L x W x H)	Weight	Stir Speed	Protection Class	Electrical	Power Setting
50088071	Biosystem 1-Position Direct	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP64	230V Euro	1w
50088058	Biosystem 1-Position Direct	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP64	115V USA	1w
50088057	Biosystem 1-Position Direct	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP64	230V UK	1w
50088064	Biosystem 1-Position Direct	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP64	230V Australia	1w
50101524	Biosystem 1-Position Direct	180 × 180 × 60mm (7 × 7 × 2.4in.)	3.4kg (7.5 lb.)	5 to 120rpm	IP64	100V Japan	1w
50088061	Biosystem 4-Position Direct	330 × 330 × 60mm (12.9 × 12.9 × 2.4in.)	11kg (24.3 lb.)	5 to 120rpm	IP64	100-240V	0.05w (x4)

OPERATING CONDITIONS: Biosystem: Operating conditions are -10 to +56°C at 100% rH; **Biosystem Direct:** -10 to +40°C at 95% rH; 100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec Mobil 10 and Mobil 25 Large Volume & Power Direct Stirrers

Ideal for hard to stir viscous liquids up to 10L or 40L depending on model with Quick Stop function to stop the drive within three seconds, minimizing after runs and reducing the risk of breakage



Cimarec Mobil 10

- Compact space-saving design
- Gradual low-shear acceleration on start-up

Cimarec Mobil 25

- Ideal for high temperatures up to 121°C and high pressure applications up to 2 bars (29psi)
- Can be used in autoclaves, water baths and climatic chambers
- Perfect for use on sterilized media ensuring even heating and cooling
- Easy-to-clean, chemical resistant, sealed stainless-steel housing
- Gradual low-shear acceleration on start-up

Cimarec Power Direct (no controller required)

- Ideal for high-capacity (up to 40mL) stirring
- Integrated controller has an adjustable power setting that decreases power consumption and lowers heat output
- Sealed stainless-steel housing is easy to clean and chemical resistant

Required Accessories: Cimarec Telemodul 10M controller (#50019120 or #50019121) (Only required for Cimarec Mobil 10 and 25 models)

Warranty^Y: Five years

Certifications: CE

Cat. No.	Model	Overall Dimensions	Stir Speed	Stir Capacity	Operating Temp.	Weight	Protection Class	Power Setting	Electrical
50119111	Mobil 10 w/o controller	128 × 32mm (5 × 1.3in.)	100 to 1000 rpm	10L	-10° to +56°C	0.7kg (1.5 lb.)	IP66	10w	–
50119112	Mobil 25 w/o controller	128 × 32mm (5 × 1.3in.)	100 to 1000 rpm	10L	-10° to +121°C	1.7kg (3.7 lb.)	IP68	10w	–
50098760	Power Direct	95 × 240 × 35mm (11.6 × 9.4 × 1.4in.)	100 to 2000 rpm	40L	-10° to +40°C	2.5kg (5.5lbs)	IP22	5/10/15/20w	100-240V

OPERATING CONDITIONS: Mobil 10: -10 to 56°C ; Mobil 25: -10 to 121°C; Power Direct: -10 to 40°C
100-240 V units contain a cord set with various plugs

Thermo Scientific Cimarec Telemodul 10M Controller

Cat. No.	Stir Speed	Stir Capacity	Electrical	For use with
500119120	100 to 1000 rpm	10L	230V	Mobil 10 and Mobil 25
500119121	100 to 1000 rpm	10L	115V US	Mobil 10 and Mobil 25

Thermo Scientific Cimarec Mobil Direct, Mobil 200 and Mobil 600 Large Volume Stirrers

Outstanding stirring power for high-volume applications



- For use in pilot plant or integrated with process equipment
- Quick Stop function stops the drive within three seconds, minimizing after runs and risk of vessel breakage
- Easy-to-clean, chemical resistant, sealed stainless-steel housing
- Maximum shaft torque is 30Ncm for the Mobil Direct and 50Ncm for the Mobil 200 and 600
- Mobil Direct can stir up to 150L and features an integrated controller with adjustable power settings
- Mobil 200 can stir up to 200L; Mobil 600 can stir up to 600L

Required Accessories: The Cimarec Mobil 200 and 600 require either the Cimarec Telemodul 40M or 80M controller (order separately).

Warranty^Y: Five years

Certifications: CE

Cat. No.	Description	Stir Speed	Power Settings	Type	Dimensions	Weight	Electrical
50088131	Mobil Direct	100 to 1000rpm	40w	IP64	330 × 330 × 80mm (13 × 13 × 3.4in.)	16kg	115V USA
50088128	Mobil Direct	100 to 1000rpm	40w	IP64	330 × 330 × 80mm (13 × 13 × 3.4in.)	16kg	230V Euro
50088129	Mobil Direct	100 to 1000rpm	40w	IP64	330 × 330 × 80mm (13 × 13 × 3.4in.)	16kg	100V Japan
50100547	Mobil Direct	100 to 1000rpm	40w	IP64	330 × 330 × 80mm (13 × 13 × 3.4in.)	16kg	230V UK
50119109	Mobil 200 w/o Controller	100 to 1000rpm	80w	IP65	180 × 180 × 80mm (7 × 7 × 3.4in.)	6kg	–
50119110	Mobil 600 w/o Controller	100 to 1000rpm	80w	IP65	330 × 330 × 80mm (13 × 13 × 3.4in.)	16kg	–

OPERATING CONDITIONS: Mobil Direct: -10 to +40°C at 95% rH; Mobil 200 & 600: -10 to +56°C at 100% rH

Thermo Scientific Cimarec 40M and 80M Telemodul Controllers



- Constant speeds, even during viscosity changes
- High visibility digital display
- Thermal and electrical overload protection, with fault alert

Cat. No.	Stirring Range	Voltage
Cimarec 40M Controllers (40w)		
50118901	100 to 1000rpm	230V Germany
50118902	100 to 1000rpm	230V Italy
50118903	100 to 1000rpm	230V Denmark
50118904	100 to 1000rpm	230V UK
50118905	100 to 1000rpm	230V Swiss
50118906	100 to 1000rpm	230V Australia
50118907	100 to 1000rpm	230V China
50119122	100 to 1000rpm	110V Japan
50119123	100 to 1000rpm	115V US

Cat. No.	Stirring Range	Voltage
Cimarec 80M Controllers (80w)		
50118908	100 to 1000rpm	230V Germany
50118909	100 to 1000rpm	230V Italy
50118910	100 to 1000rpm	230V Denmark
50118911	100 to 1000rpm	230V UK
50118912	100 to 1000rpm	230V Swiss
50118913	100 to 1000rpm	230V Australia
50118914	100 to 1000rpm	230V China
50119124	100 to 1000rpm	110V Japan
50119125	100 to 1000rpm	115V US

Thermo Scientific Explosion-Proof Series

Deliver the highest protection for hazardous applications, including Class I, Group C and D flammable gases or solvent vapors



- Features over-temperature safety monitors, precise thermostatic controls and sealed aluminum housing
- Corrosion-resistant steel case for easy cleaning and maintenance
- Sturdy construction allows maximum load capacity, 25 lb. (11.3kg) on top plate

SAFE-T HP6 Hotplates

- Thermostatic safety is set at 243°C (469.4°F) for added protection
- Maintains temperature within $\pm 5.5^\circ\text{C}$ (9.9°F)
- Sealed aluminum housing contains and protects controls
- Cast aluminum top plate maximizes heat transfer and uniformity ($\pm 6.5^\circ\text{C}$ or 11.7°F)

SAFE-T SHP9 Stirring Hotplates

- Feature thermostatic control, over-temperature safety monitors and precise temperature stability
- Large, aluminum top plate surface provides efficient heat transfer
- Precise electronic heat control maintains temperature stability within $\pm 2^\circ\text{C}$ ($\pm 4^\circ\text{F}$)
- Stir solutions with a viscosity of 1200cp at 400rpm (at 21.5°C)
- Stainless-steel case is easily cleaned and maintained and accommodates a metal vessel

Safe-T S10 Stirrer

- Designed for stirring viscous solutions and suspensions
- Accommodates vessels with a capacity of 1.58 gal. (6L)
- Sturdy construction to handle a maximum load of 25 lb. (11.3kg) on the top plate

Includes: Stirrer unit and one 2 × 0.38 in. (5 × 1cm) PTFE-coated stir bar

Warranty*: Three years

Compliance: Meets IEC1010 laboratory standards

Certifications: UL listed. Safe for Class 1, Group C and D flammable gases or solvent vapors that can produce explosive or ignitable mixtures.

Cat. No.	Model	Surface Dimensions	Surface Material	Stirring Speed	Temp. Range	Overall Dimensions	Weight	Electrical
HP11515B	SAFE-T HP6 Hotplate	15.6 x 15.6cm (6.13 x 6.13in.)	Aluminum	–	38° to 228°C (100° to 428°F)	32.4 x 28.3 x 20cm (12.8 x 11.1 x 7.9in.)	13.6kg (30 lb.)	120V 50/60Hz; 600w; 5A
SP87325	SAFE-T SHP9 Stirring Hotplate	(23.2 x 23.2cm) (9.1 x 9.1in.)	Aluminum	60 to 1200rpm	38° to 220°C (100° to 428°F)	32.4 x 25.4 x 20.8cm (12.8 x 10 x 8.1in.)	13.6kg (30 lb.)	120V 50/60Hz; 1070w; 8.9A
S108525	SAFE-T S20 Stirrer	25.4 x 25.4cm (10 x 10in.)	Ceramic	60 to 1200rpm	–	32.4 x 28.3 x 20cm (12.8 x 11.1 x 7.9in.)	13.6kg (30 lb.)	120V 50/60Hz; 70w; 0.6A



Thermo Scientific Dial Thermometer for Explosion-Proof Hotplate

Cat. No.	Description	Temp. Range	Stem Diameter	Face Dimensions
MEX126	Dial Thermometer	0° to 300°C	0.64 x 6.4cm (0.25 x 2.5in.)	2.5cm (1in.)

Thermo Scientific Aluminum-Top Hotplates

Cast-aluminum top for maximum heat transfer, strength and corrosion



- Equipped with thermostatic temperature control
- Baffle-vented welded stainless-steel case

Warranty¹: Three years
Certifications: UL listed (120V model)
Notes: Recommended for use with glass vessels only.

Cat. No.	Heating Surface Area	Temperature Range	Temp. Uniformity	Overall L x W x H	Volts
HPA1915BQ	15.9cm ² (6.25 sq.in.)	38° to 371°C (100° to 700°F)	±2.4°C at 100°C	19.4 x 16.8 x 11.1cm (7.63 x 6.63 x 4.38in.)	120V
HPA1910MQ	15.9cm ² (6.25 sq.in.)	38° to 371°C (100° to 700°F)	±2.4°C at 100°C	19.4 x 16.8 x 11.1cm (7.63 x 6.63 x 4.38in.)	240V

Thermo Scientific Large External-Controlled Hotplates

Uniform heating of large volumes and multiple vessels



- External controller operates outside fume hoods
- Robust design for safety; large capacity with excellent temperature stability
- Porcelain-coated, stainless-steel top and case offer chemical and stain resistance
- Chemical-resistant cover protects line cord
- Isolation of controls allows operation in hazardous environments
- Percentage input controller delivers infinite temperature selection
- Power light indicates when control is operating

Warranty¹: Three years
Includes: 5ft. (1.5m) 3-wire cord and plug

Cat. No.	Heating Surface	Temp. Range	Temp. Stability	Temperature Uniformity	Electrical Requirements
RC2235Q	30.5 x 30.5cm (12 x 12in.)	150° to 371°C (300° to 700°F)	±5°C (9°F)	±10°C (18°F) (at 150°C)	120V 50/60Hz, 1600w, 13.3A
RC2240Q	30.5 x 60.9cm (12 x 24in.)	150° to 371°C (300° to 700°F)	±5°C (9°F)	±10°C (18°F) (at 150°C)	240V 50/60Hz, 3200w, 13.3A

Thermo Scientific 2200 Series Aluminum Top Hotplates

Ideal for large-volume heating applications requiring precise temperature stability, including acid base digestion, sample drying, general reagent heating, heating TLC plates, and evaporations



- Large, aluminum heating surface, thermostatic temperature controls for outstanding temperature uniformity and stability
- Cycle light indicates when power is being supplied to heating element
- Stainless-steel case provides safe, reliable construction and optimal strength for heavy loads
- Epoxy-painted surface increases chemical resistance in corrosive environments

Warranty[†]: Three years

Certifications: UL listed

Alert: Recommended for use with glass vessels only.

Cat. No.	Heating Surface Area	Temp. Range	Temp.Stability (at 100°C)	Temp.Uniformity (at 100°C)	Overall L x W x H	Electrical
HPA2235MQ	30.5 x 30.5cm (12 x 12in.)	38° to 371°C (100° to 700°F)	±3.0°C (5.4°F)	±4.0°C (7.2°F)	33 x 30.5 x 15.6cm (13 x 12 x 6.13in.)	120V 50/60Hz, 1600w, 13.3A
HPA2230MQ	30.5 x 30.5cm (12 x 12in.)	38° to 371°C (100° to 700°F)	±3.0°C (5.4°F)	±4.0°C (7.2°F)	33 x 30.5 x 15.6cm (13 x 12 x 6.13in.)	240V 50/60Hz, 1600w, 6.7A
HPA2245MQ	30.5 x 60.9cm (12 x 24in.)	38° to 371°C (100° to 700°F)	±3.5°C (6.3°F)	±10°C (18°F)	34.9 x 60.9 x 15.9cm (13.75 x 24 x 6.25in.)	120V 50/60Hz, 3200w, 26.6A
HPA2240MQ	30.5 x 60.9cm (12 x 24in.)	38° to 371°C (100° to 700°F)	±3.5°C (6.3°F)	±10°C (18°F)	34.9 x 60.9 x 15.9cm (13.75 x 24 x 6.25in.)	240V 50/60Hz, 3200w, 13.3A

Thermo Scientific Large Volume Stirrer

Reach speeds up to 2400rpm



- Polished stainless-steel construction resists corrosion
- Digital speed settings
- Stirring capacity up to 200L
- Accommodates stir bars from 1.5 to 6in. (4 to 15cm); sold separately
- Top surface has ridged non-slip white rubber mat

Warranty¹: Three years

Cat. No.	Speed	Capacity	Top Plate Surface Area	Electrical
1295Q	Up to 2400rpm	Up to 200L	46 x 46cm (18 x 18in.)	120V, 50/60Hz

Thermo Scientific Cimarec Komet Stir Bars

Generate over three times the torque of conventional stirring bars



- Significantly enhance stirrer performance and applications versatility
- High-energy Samarium-Cobalt (SmCo) magnetic core
- Excellent mixing action at high speeds, and with viscous media
- Evenly coated PTFE surface prevents residue deposits
- Sterilize with steam to 249.8°F (121°C)

Cat. No.	Description	Shape	Outside Dia. x Length
50087902	Cimarec Komet Stir Bar 90, 1 pack	Round	25mm x 90mm
50087909	Cimarec Komet Stir Bar 50, 1 pack	Round	21mm x 50mm
50087930	Cimarec Komet Stir Bar 30, 1 pack	Round	13mm x 30mm
50087924	Cimarec Komet Stir Bar 15, 1 pack	Round	9mm x 15mm
50093336	Cimarec Komet Stir Bar 90 with glide ring, 1 pack	Round, with glide ring	31mm x 90mm
50093335	Cimarec Komet Stir Bar 50 with glide ring, 1 pack	Round, with glide ring	26mm x 50mm
50093334	Cimarec Komet Stir Bar 30 with glide ring, 1 pack	Round, with glide ring	17mm x 30mm