

thermo scientific



Thermo Scientific Hotplates and Stirrers

Benchtop equipment for every lab, every day

ThermoFisher
SCIENTIFIC

Exceptional performance

A robust portfolio of Thermo Scientific™ Hotplates, Stirrers, Stirring Hotplates and supporting accessories provide an impressive combination of superior performance, advanced safety and operational simplicity that will complete any laboratory need.

General Lab

Basic analog and standard digital models are designed with temperature stability and durability in a variety of sizes and top plate materials to meet most laboratory applications of stirring and heating samples, while the advanced models are equipped with programming functions for repeatable and demanding applications.



Specialty

Special models deliver a host of capabilities that bring reliability, safety and precision to various applications, including small or large volume stirring, multipoint stirring, explosion proof heating, stirring in water baths or CO₂ incubators and low speed stirring for cell culture.



The following are trademarks of Thermo Fisher Scientific and its subsidiaries:
Cimarec, and Super-Nuova.

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Cimarec+ Series

Designed with precise stirring control, exceptional safety and temperature performance, Cimarec™+ Hotplate, Stirrer and Hotplate Stirrer units are available in three sizes, providing flexibility from microscale chemistries to production operations

Features include:

- Provides 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
- Top plate choices in ceramic or aluminum
- Easy-to-read LED display (Except SP88854100, SP88854105 stirring function)
- Raised display design protects electronics from spills
- Three sizes for different sample volumes



Cimarec+ Digital Stirring Hotplate

Includes: Stir bar (*only for stirrers and stirring hotplate models)

Optional: Temperature probe and splash guard protection shield

Warranty: Three years

Certifications: cCSAus (100-120V models), CE (230V models), RoHS Compliant



Cimarec+ Digital Stirring Hotplate Family

Cimarec+ Hotplates, Stirrers and Hotplate Stirrers Specifications

Description	Surface Type	Voltz/Hz	Stir Range (RPM)	Max. Flask Size	Max. Surface Temp °C	Plug Configuration	Cat. No.
Heating Surface: 4.25" x 4.25" (10.8 x 10.8 cm) Overall Dimensions: 5" W x 10" D x 3.9" H (13 x 25.9 x 9.8cm)							
Hotplate	Ceramic	100-120V 50/60Hz	N/A	1L	540	US/JP Plug	HP88854100
Hotplate	Ceramic	230V 50/60Hz	N/A	1L	540	EU, UK, CHN/AUS Plug	HP88854105
Stirrer	Ceramic	100-120V 50/60Hz	50-1500	1L	N/A	US/JP Plug	S88854100
Stirrer	Ceramic	230V 50/60Hz	50-1500	1L	N/A	EU, UK, CHN/AUS Plug	S88854105
Hotplate Stirrer	Ceramic	100-120V 50/60Hz	50-1500	1L	540	US/JP Plug	SP88854100
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	1L	540	EU, UK, CHN/AUS Plug	SP88854105
Heating Surface: 7.25" x 7.25" (18.4 x 18.4 cm) Overall Dimensions: 8.2" W x 14" D x 4" H (20.8 x 36 x 10.5cm)							
Hotplate	Ceramic	100-120V 50/60Hz	N/A	4L	540	US/JP Plug	HP88857100
Hotplate	Ceramic	230V 50/60Hz	N/A	4L	540	EU, UK, CHN/AUS Plug	HP88857105
Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L	N/A	US/JP Plug	S88857100
Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	N/A	EU, UK, CHN/AUS Plug	S88857105
Hotplate Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L	540	US/JP Plug	SP88857100
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	540	EU Plug	SP88857105
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	540	CHN/AUS Plug	SP88857106
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	540	UK Plug	SP88857107
Hotplate	Aluminum	100-120V 50/60Hz	N/A	4L	300	US/JP Plug	HP88857104
Hotplate	Aluminum	230V 50/60Hz	N/A	4L	300	EU, UK, CHN/AUS Plug	HP88857108
Stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L	N/A	US/JP Plug	S88857104
Stirrer	Aluminum	230V 50/60Hz	50-1500	4L	N/A	EU, UK, CHN/AUS Plug	S88857108
Hotplate Stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L	300	US/JP Plug	SP88857104
Hotplate Stirrer	Aluminum	230V 50/60Hz	50-1500	4L	300	EU, UK, CHN/AUS Plug	SP88857108
Heating Surface: 10.25" x 10.25" (26.7 x 26.7 cm) Overall Dimensions: 11.3" W x 17.2" D x 4" H (28.8 x 43.8 x 10.5cm)							
Hotplate	Ceramic	100-120V 50/60Hz	N/A	6L	400	US/JP Plug	HP88850100
Hotplate	Ceramic	230V 50/60Hz	N/A	6L	400	EU, UK, CHN/AUS Plug	HP88850105
Stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L	N/A	US/JP Plug	S88850100
Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	N/A	EU, UK, CHN/AUS Plug	S88850105
Hotplate Stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L	400	US/JP Plug	SP88850100
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	400	EU Plug	SP88850105
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	400	CHN/AUS Plug	SP88850106
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	400	UK Plug	SP88850107

Note: 4"x 4" Hotplate Stirrer has digital temperature and analog stirring control.

Super-Nuova+ Series

Designed to provide reliable performance, dependable safety and simple operation, Super-Nuova™+ Hotplate, Stirrer and Hotplate Stirrer units are available in two sizes with optimized controls

Features include:

- Top plate choices in ceramic or aluminum
- Easy-to-read LED display for heating, stirring and time setting
- Raised display design protects electronics from spills
- Preset three steps to save temperature, speed and timer settings
- Provides 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 of set temperature (122°F)
- Temperature display resolution when connected with probe: <100°C: 0.1 degree; >100°C: 1 degree



Super-Nuova+ Stirring Hotplate

Includes: PT100 Temperature probe, supporting rod and clamp kit (only for hotplates and stirring hotplates); Stir bar (only for stirrers and stirring hotplate)

Optional: PT1000 Temperature probe and splash guard protection shield

Warranty: Three years

Certifications: cCSAus (100-120V models), CE (230V models), RoHS Compliant

Super-Nuova+ Hotplates, Stirrers and Stirring Hotplates Specifications

Description	Surface Type	Voltz/Hz	Stir Range (RPM)	Max. Flask Size	Max. Surface Temp °C	Plug Configuration	Cat. No.
Heating Surface: 7.25" x 7.25" (18.4 x 18.4 cm) Overall Dimensions: 8.2" W x 14.2" D x 4.1" H (20.8 x 36 x 10.5cm)							
Hotplate	Ceramic	100-120V 50/60Hz	N/A	4L	450	US/JP Plug	HP88857190
Hotplate	Ceramic	230V 50/60Hz	N/A	4L	450	EU, UK, CHN/AUS Plug	HP88857195
Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L	N/A	US/JP Plug	S88857190
Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	N/A	EU, UK, CHN/AUS Plug	S88857195
Hotplate Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L	450	US/JP Plug	SP88857190
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	4L	450	EU, UK, CHN/AUS Plug	SP88857195
Hotplate	Aluminum	100-120V 50/60Hz	N/A	4L	300	US/JP Plug	HP88857194
Hotplate	Aluminum	230V 50/60Hz	N/A	4L	300	EU, UK, CHN/AUS Plug	HP88857198
Hotplate Stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L	300	US/JP Plug	SP88857194
Hotplate Stirrer	Aluminum	230V 50/60Hz	50-1500	4L	300	EU, UK, CHN/AUS Plug	SP88857198
Heating Surface: 10.25" x 10.25" (26.7 x 26.7 cm) Overall Dimensions: 11.3" W x 17.2" D x 4" H (28.8 x 43.8 x 10.5cm)							
Hotplate	Ceramic	100-120V 50/60Hz	N/A	6L	400	US/JP Plug	HP88850190
Hotplate	Ceramic	230V 50/60Hz	N/A	6L	400	EU, UK, CHN/AUS Plug	HP88850195
Stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L	N/A	US/JP Plug	S88850190
Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	N/A	EU, UK, CHN/AUS Plug	S88850195
Hotplate Stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L	400	US/JP Plug	SP88850190
Hotplate Stirrer	Ceramic	230V 50/60Hz	50-1500	6L	400	EU, UK, CHN/AUS Plug	SP88850195