

Thermo Scientific SuperNuova+ Series

Our SuperNuova+ series stirrers, hotplates and stirring hotplates 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 protects 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
Safety				
Raised display	•	•	•	Guides any spilled liquids away from electronics and controller
HOT TOP warning indicator	•	•	•	Visual warning system eliminates burns even when unit is turned off but still plugged in
Timer		•	•	Allows for untended operation
Over-temperature protection	•	• (User-Adjustable)	• (User-Adjustable)	Prevents overheating, short circuiting and internal damage in case of overflow protecting samples
Optional splash guard	•	•	•	Helps prevent burns, from knocking vessels off top plate and from sample splashing the end user
Keypad lock			•	Security
Removable power cord	•	•	•	Convenience
Control				
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	•	•	•	Improved efficiency
Temperature calibration		•	•	To offset/calibrate the temperature based on the application needs
Performance				
Temperature probe	Optional	Included	Included	More 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
Flexibility				
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 more chemical resistant and can handle higher temperatures, aluminum has better temperature uniformity across the whole top plate
Optional rods and clamps	•	•	•	To hold apparatus