

# 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.
<b>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)</b>							
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
<b>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)</b>							
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

# Resources for Cimarec+ and Super-Nuova+ Series

## Cimarec+ and Super-Nuova+ Series Features and Benefits

Description	Cimarec+ Series	Super-Nuova+ Series
<b>Performance</b>		
Digital RPM display	* (Except 4x4 HPS)	*
RPM range	50-1500rpm	50-1500rpm
Max stirring capacity	1L, 4L, 6L	4L, 6L
Max surface temperature, Ceramic top	4" x 4" 540°C 7" x 7" 540°C 10" x 10" 400°C	7" x 7" 450°C 10" x 10" 400°C
Max surface temperature, Aluminum top	7" x 7" 400°C	7" x 7" 300°C
Temperature display with 0.1°C resolution	*	*
Temperature calibration		*
Time setting		*
Pre-set 3 steps		*
Microprocessor control	*	*
<b>Safety</b>		
HOT TOP Warning	*	*
Over-temperature protection	*	*(User adjustable)
Optional Splash guard	*	*
Digital Temperature display	*	*
<b>Flexibility</b>		
Top plate material	Ceramic, Aluminum	Ceramic, Aluminum
Top plate size	4" x 4", 7" x 7", 10" x 10"	7" x 7", 10" x 10"
Temperature probe	Optional (PT100, PT1000)	* PT100 is include, Optional (PT1000)
Support rods and clamps	Optional	Included
View actual and set temperature simultaneously		*

## Accessories for Cimarec+ and Super-Nuova+ Hotplates, Stirrers and Hotplate Stirrers

Description	Cat. No.
Splash guard/safety shield for all Cimarec+ and Super-Nuova+ 4" x 4" Sitrers, Hotplates and Hotplate Stirrers	CIC0001444
Splash guard protection shield for all Cimarec+ and Super-Nuova+ 7" x 7" Sitrers, Hotplates and Hotplate Stirrers	CIC0001445
Splash guard/safety shield for all Cimarec+ and Super-Nuova+ 10" x 10" Sitrers, Hotplates and Hotplate Stirrers	CIC0001446
PT100 temperature probe, 0-400°C, Stainless steel for Cimarec+ ( $\pm 1.8^{\circ}\text{C}$ @ $70^{\circ}\text{C}$ ) and Super-Nuova+ ( $\pm 1.2^{\circ}\text{C}$ @ $70^{\circ}\text{C}$ ) Hotplates	CIC0001447
PT1000 temperature probe, 0-400°C, Stainless steel for Cimarec+ ( $\pm 1.0^{\circ}\text{C}$ @ $70^{\circ}\text{C}$ ) and Super-Nuova+ ( $\pm 0.5^{\circ}\text{C}$ @ $70^{\circ}\text{C}$ ) Hotplates	CIC0001448
Hastelloy PT1000 temperature probe, 0-400°C, for Cimarec+ and Super-Nuova+ Hotplates, HASTelloy is chemical and corrosion resistant	CIC0001449
Supporting rod to be used with clamp and clamp holder to hold temperature probe and flask, suitable for all Cimarec+ and Super-Nuova+ models	CIC0001830
Clamp and holder	CIC0001831

\*When the probe is connected, the adjustable temperature range is 30-250°C.



Transparent shields



PT100 PT1000 External Probe



Supporting Rod and Clamps