

Cole-Parmer®

Cole-Parmer Hot Plates and Stirrers

- Choice of top plate materials; glass ceramic, aluminum, stainless steel
- Accurate and repeatable temperature and speed control
- Protected by BioCote® for a safer, more hygienic lab
- 3-year warranty



The Cole-Parmer Advantage

Since its founding in 1955, Cole-Parmer's mission has been to provide the best possible customer service and technical support while offering the scientific equipment and supplies you need. Cole-Parmer is represented globally in more than 80 countries and 160 markets.

We proudly offer products and instrumentation that supports our mission to help make the world cleaner, safer, and healthier for people everywhere.

Serving professionals in biopharma, environmental and life sciences.

Hot Plates and Stirrers Product Range

The Cole-Parmer product range includes dedicated hot plates, stirrers and combination hot plate and stirrer models, which are available in a choice of metal or ceramic tops. The square design of the models allows flexibility of vessel size. Round top plates provide an even heating surface with greater efficiency. Square top plates lose some heat around edges and corners.



Features of Hot Plates and Stirrers



Temperature Controller

Most hot plate models are compatible with the SCT2 temperature controller. Together with your Undergrad hotplate, the SCT2 ensures accurate temperature control of aqueous or oil-based samples, up to a maximum of 200 °C. The SCT2 temperature controller is automatically detected when plugged in.



Temperature Control

Rest assured that the temperature of the sample is precisely controlled. A range of accessories are also available for the complete setup of controllers, temperature probes and stirring hot plates.



Protected by BioCote®

BioCote utilizes silver ion, copper, zinc, and organic additives to provide built-in antimicrobial protection; so, the Cole-Parmer range can support a safer and more hygienic laboratory environment. By reducing levels of bacteria, mold and fungi, your BioCote protected piece of equipment can help reduce the risk of cross-contamination and consequently disease transmission within the lab.

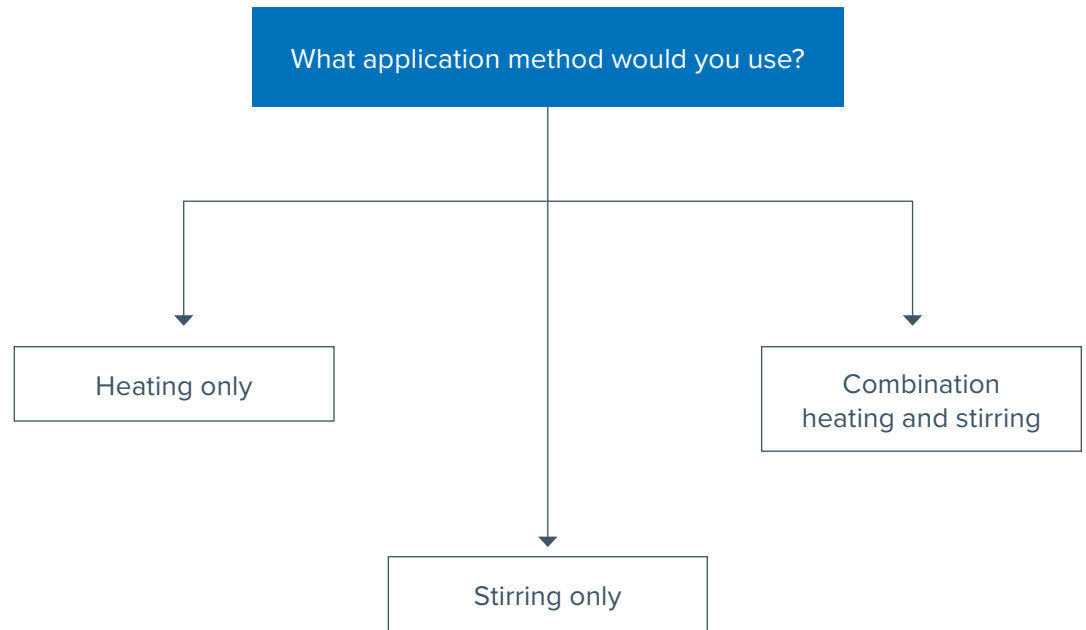
Note: BioCote applies only to 400 series, 300 series, 200 series Undergrad, 200 series Large Capacity, and 200 series Large Capacity Infrared models.

Selecting the Right Top Plate for Your Applications

Glass Ceramic – surface provides excellent chemical resistance; easy-to-clean with thermal properties that allow very high plate temperatures, while ensuring the edges stay cooler, reducing the chance of accidental burns. The white surface ensures good visibility of any changes in sample color, for example, during titration reactions.

Ceramic Coated Aluminum/Silicon Alloy – offers robustness. The thin ceramic coating provides added chemical resistance, while the 700 W element allows rapid heating to desired temperature. Ceramic coated aluminum top plates have been designed for very accurate top plate temperature. Ideal for microarrays, in-situ hybridization and specialized electronics applications.

Stainless Steel – strong stainless steel surface aids accurate stirring. Unlike aluminum, it does not produce eddy currents and ensures robust coupling and a powerful stirring action.

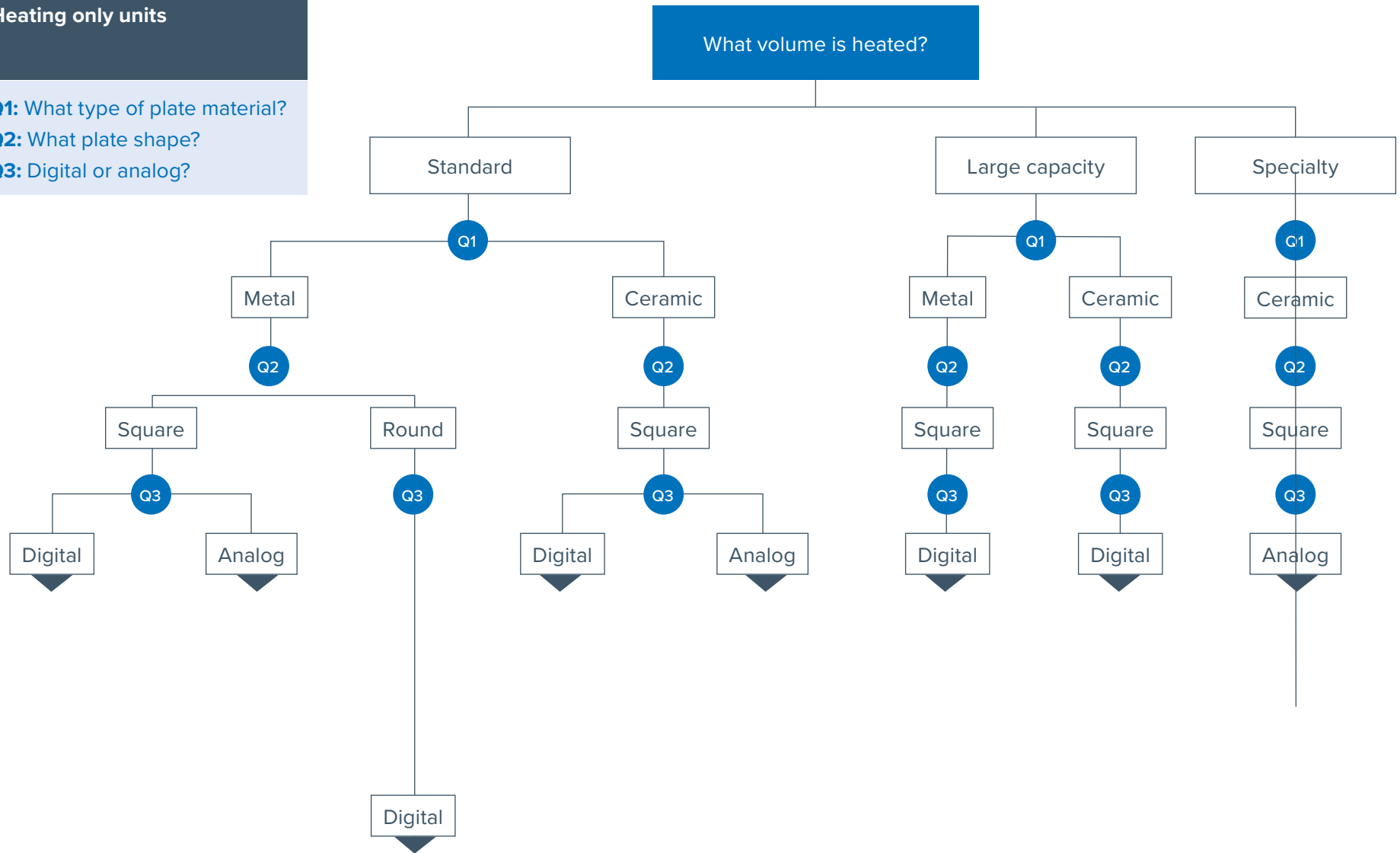


Heating only units

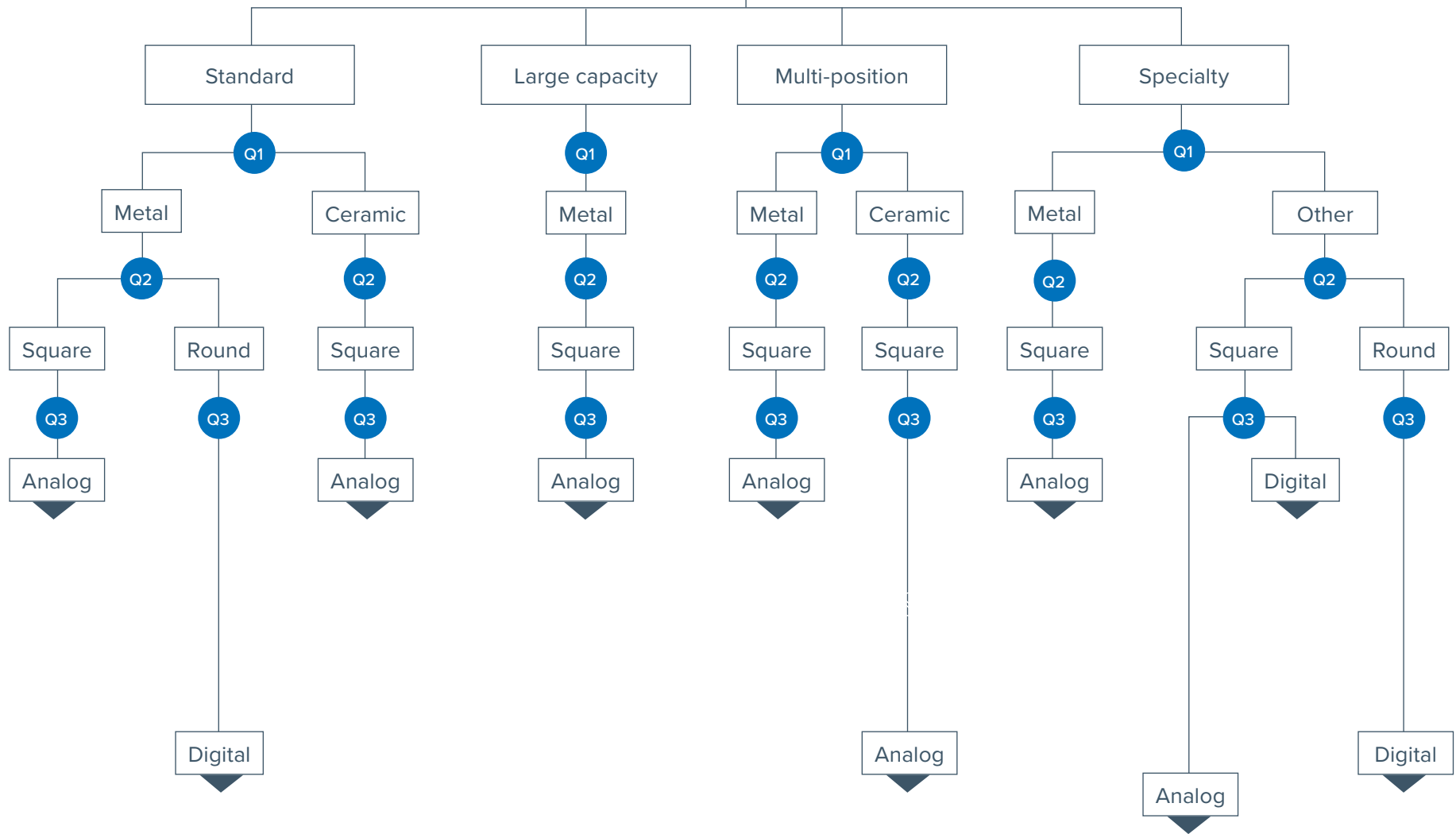
Q1: What type of plate material?

Q2: What plate shape?

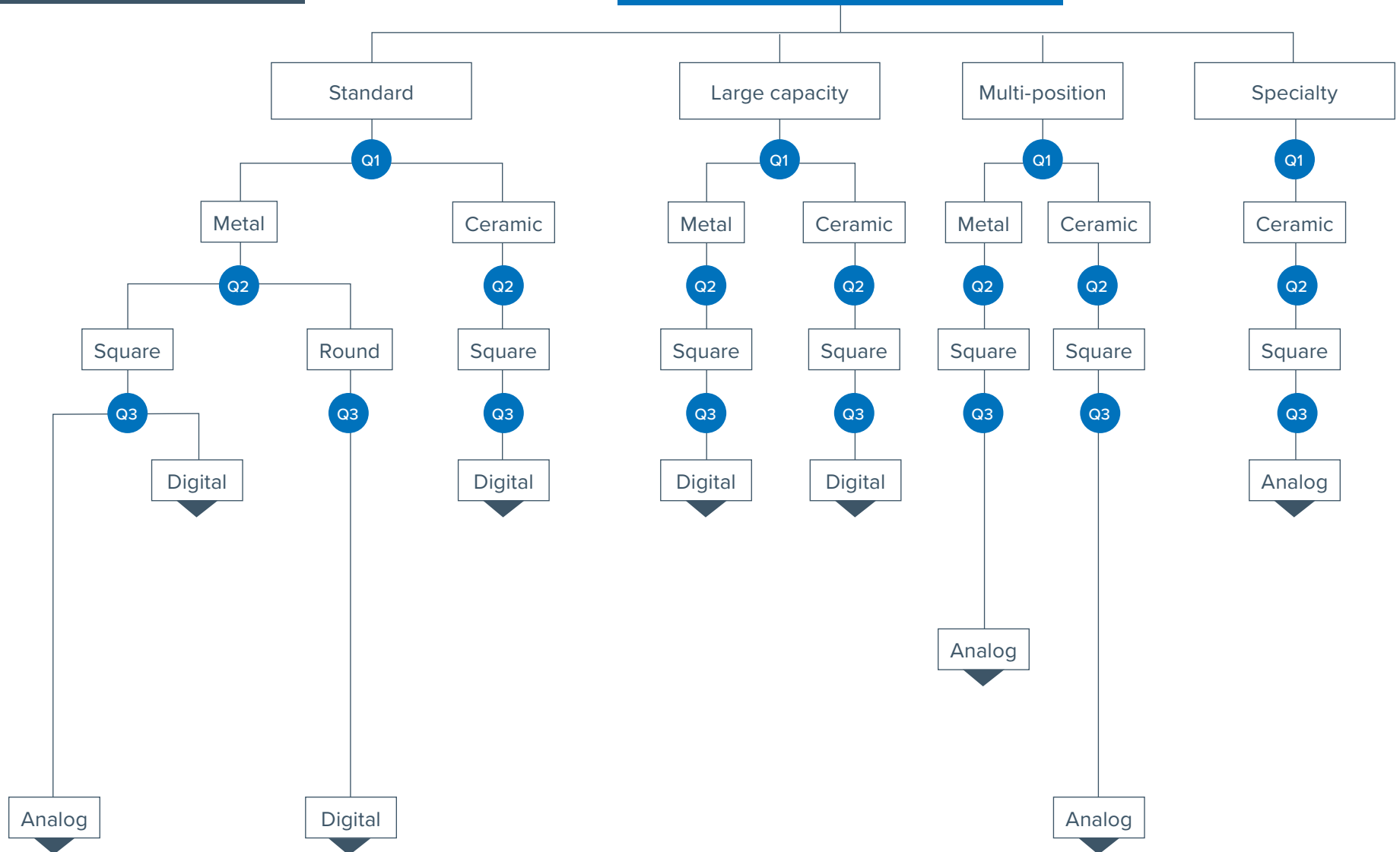
Q3: Digital or analog?



What volume is stirred?



What volume is combined and stirred?



Product Range Overview

Premium Hot Plates and Stirrers

HP-400, SHP-400



Product Range Overview

Premium Hot Plates and Stirrers

HP-400, SHP-400

Cole-Parmer premium HP-400 series hot plates and SHP-400 series stirring hot plates have been designed to seamlessly blend scientific precision with contemporary styling to meet the day to day needs of today's scientific professionals and students. The mains independent "Hot" warning light will flash whenever the plate temperatures above 50 °C, even when the hot plate is turned off and unplugged from the mains. All models have an integral fixing point for a support rod. A simple, clean body allows for any spills to be easily deflected from the user. A spill-resistant front control module, with chemically toughened glass, means you can clearly see what is going on without fear of cosmetic damage to the unit. Available with ceramic or ceramic coated aluminum surfaces.

Premium hot plates and stirring hot plates feature a digital temperature setting, set and actual temperature are shown on the seven-segment digital display. Where accurate sample temperature control is required, the PT100 probe, included with the hot plate, can be used. As the hot plate heats samples to the set temperature, the advanced control algorithm automatically measures the rate of temperature rise to judge the capacity and nature of samples (e.g. oil or aqueous). It then optimizes the heating rate to minimize overshoot and time to set point. An audible alert sounds when the set temperature has been reached. There is the ability to create programs, controlling the temperature. Individual customer temperature profiles can be created and saved to the unit allowing for fast set up of complicated experimental procedures, without tying the user to the unit adjusting settings for a prolonged period of time. The unit is supplied with a PTFE coated temperature probe which, when immersed within the samples, allows accurate sample temperature control to within ± 1 °C.

Hot Plates and Stirrers

HP-300, SHP-300

Digital stirring hot plates provide accurate stirring and temperature control. Ideal for day-to-day use by scientific professionals and students, the Cole-Parmer digital stirring hot plates offer precise temperature control and stirring speed of your samples. Powerful magnets provide consistent stirring speeds and the ability to mix large volumes up to 15 L. The simple body design allows spillages to be easily deflected from the user. Front control panel resists spills and the glass is chemically toughened for extra resilience. When plate temperature rises above 50°C, a hot warning light flashes even if the unit is turned off or unplugged. All units feature an integral fixing point for a retort rod and are BioCote® antimicrobial protected.

The digital interface model features a digital temperature setting. The set and actual temperature is shown on the seven-segment digital display. Stirring speed is displayed by a 'hockey stick' LED array with the lights progressively illuminating to represent the speed range. To achieve accurate sample temperature control up to 392°F (200°C), a digital temperature controller (sold separately) can be connected to the rear of the unit.



Undergrad Hot Plates and Stirrers ST-200, HP-200, SHP-200

The Cole-Parmer range of Undergrad hot plates includes dedicated hot plates, stirrer and combination stirring hot plate models which are available in a choice of coated metal or ceramic tops. The square design of the models allows flexibility of vessel size combinations. For safety, all units are designed to direct spills away from the user controls. For greater convenience and power saving, units are built with a standard mains switch (excluding stirring only models). All heating units are incorporated with the latest technology and microprocessor controlled dual thermocouples to ensure accurate temperature control and protection from overheating. Powerful magnets and motor allow remarkable stirring speeds (up to 2000 rpm) and mixing of large volumes of liquids (up to 15 L). Hot plates and stirring hot plates are available in glass ceramic or coated metal tops.



Round Top Hot Plates and Stirrers ST-300, HP-300, SHP-300

Stylish and sleek digital models feature a unique control pad that allows all operations to be set using just your fingertip. An LCD shows both set and real-time parameters which are lockable to prevent accidental changes during use. Multiple stirring options allow a choice between one direction or reversing every 45 seconds for thorough mixing. Built-in timer can be set for up to 9 hours or continuous operation. Optimal heating is produced by an integrated temperature sensor and dual PID control that rapidly heats the plate and maintains desired temperature. Dual temperature control circuit also ensures temperature stability in case one circuit malfunctions. Safety features include user-set safety temperature limit through main control panel, hot warning light indicator, and digital error code functions for easy troubleshooting.



Multi-Position Stirrers and Stirring Hot Plates ST-200 and SHP-200

These multi-position stirrers and stirring hot plates offer more versatility than single-position units. Available with five or nine stirring positions with each position being individually controlled so you can perform different mixing applications simultaneously.

Use stirring hot plates to heat only, stir only, or heat and stir simultaneously. “Hot” warning light for each plate will flash whenever the temperature is above 50 °C and will stay on even when the hot plate is turned off and connected to the mains.

Ceramic top plates offer excellent chemical resistance with thermal properties that allow very high plate temperatures, while ensuring the edges stay cooler. The top plates are a robust aluminum/silicon alloy, providing even plate temperature. Powerful magnets and motor give stirring speed up to 1500 rpm and volumes up to 15 L.

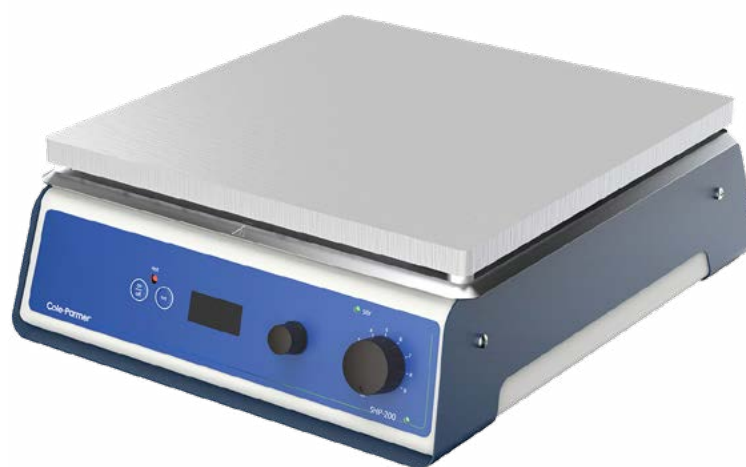


Large Capacity Hot Plates and Stirrers HP-200, ST-200, SHP-200

These general purpose units are designed with safety as well as performance in mind. The compact shape takes up little bench space and makes storage easier. Large capacity hot plates and stirrers provide accurate temperature and speed control.

Stirring units include powerful magnets providing strong stirring action. Heating units are microprocessor controlled for accurate plate temperature monitoring. “Hot” warning light will flash when the top plate is hot, and safety circuit prevents against overheating.

The housing is designed to deflect spills away from the user. Units feature either aluminum top plate for rapid heating and better temperature uniformity or chemically resistant ceramic that stays cool around the edges to help prevent burns. Units accommodate multiple vessels, one large container, or even microscope slides.



Available Accessories

Probe Holder

Clamps on to the support rod to allow secure positioning of the temperature probe in the sample.

Support Rod

Securely screws into the rear of all models of hot plates and stirring hot plates. Available in 12-inch or 24-inch lengths.

PTFE Probe

Chemically-resistant probe for accurate monitoring of hazardous or corrosive samples.



Ordering Information – Heating Only Units

Heating Only, Standard								
Description	Top plate material	Plate shape	Control	Plate dimensions	Max temperature	Watts	Voltage	Item Number
HP-200 Series Undergrad Analog Hot Plate	Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	120 VAC	04807-51
HP-200 Series Undergrad Analog Hot Plate	Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	230 VAC	04807-50
HP-200 Series Undergrad Analog Hot Plate	Coated Aluminum	Square	Analog	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	120 VAC	04807-53
HP-200 Series Undergrad Analog Hot Plate	Coated Aluminum	Square	Analog	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	230 VAC	04807-52
HP-300 Series Digital Hot Plates, Blue, 500 W, 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	120 VAC	04806-30
HP-300 Series Digital Hot Plates, Blue, 500 W, 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	230 VAC	04806-31
HP-300 Series Digital Hot Plates, White, 500 W, 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	120 VAC	04806-32
HP-300 Series Digital Hot Plates, White, 500 W, 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	500	230 VAC	04806-33
HP-300 Series Digital Hot Plates, Blue, 700 W, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	120 VAC	04806-24
HP-300 Series Digital Hot Plates, Blue, 700 W, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	230 VAC	04806-25
HP-300 Series Digital Hot Plates, White, 700 W, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	120 VAC	04806-26
HP-300 Series Digital Hot Plates, White, 700 W, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	230 VAC	04806-27
HP-400 Series Premium Digital Hot Plates, Blue, 700 W, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	120 VAC	04806-48
HP-400 Series Premium Digital Hot Plates, Blue, 700 W, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	230 VAC	04806-49
HP-400 Series Premium Digital Hot Plates, White, 700 W, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	120 VAC	04806-50
HP-400 Series Premium Digital Hot Plates, White, 700 W, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	700	230 VAC	04806-51
HP-300 Series Digital Round-Top Hot Plates, 600 W, 120 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	340 °C (644 °F)	600	120 VAC	04661-23
HP-300 Series Digital Round-Top Hot Plates, 600 W, 230 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	340 °C (644 °F)	600	230 VAC	04661-24
HP-200 Series Hot Plate with PTFE Platform, 900 W, 230 VAC	Glass Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	400 °C (752 °F)	900	230 VAC	04801-08

Heating Only, Large Capacity								
Description	Top plate material	Plate shape	Control	Plate dimensions	Temperature range	Watts	Voltage	Item Number
HP-200 Series Large-Capacity Digital Hot Plates, 1200 W, 120 VAC	Glass Ceramic	Square	Digital	30 x 30 cm (12 x 12 in)	50-450 °C (122-842 °F)	1200	120 VAC	04807-67
HP-200 Series Large-Capacity Digital Hot Plates, 1200 W, 230 VAC	Glass Ceramic	Square	Digital	30 x 30 cm (12 x 12 in)	50-450 °C (122-842 °F)	1200	230 VAC	04807-66
HP-200 Series Large-Capacity Digital Hot Plates, 2250 W, 230 VAC	Glass Ceramic	Rectangle	Digital	30 x 50 cm (12 x 20 in)	50-375 °C (122-707 °F)	2250	230 VAC	04807-70
HP-200 Series Large-Capacity Digital Hot Plates, 600 W, 120 VAC	Al/Si Metal Alloy	Square	Digital	30 x 30 cm (12 x 12 in)	50-300 °C (122-572 °F)	600	120 VAC	04807-81
HP-200 Series Large-Capacity Digital Hot Plates, 600 W, 230 VAC	Al/Si Metal Alloy	Square	Digital	30 x 30 cm (12 x 12 in)	50-300 °C (122-572 °F)	600	230 VAC	04807-80
HP-200 Series Large-Capacity Digital Hot Plates, 1500 W, 120 VAC	Al/Si Metal Alloy	Rectangle	Digital	30 x 50 cm (12 x 20 in)	50-300 °C (122-572 °F)	1500	120 VAC	04807-83
HP-200 Series Large-Capacity Digital Hot Plates, 1500 W, 230 VAC	Al/Si Metal Alloy	Rectangle	Digital	30 x 50 cm (12 x 20 in)	50-300 °C (122-572 °F)	1500	230 VAC	04807-82

Heating Only, Specialty								
Description	Top plate material	Plate shape	Control	Plate Dimensions	Max temperature	Watts	Voltage	Item Number
HP-200 Series Large-Capacity Infrared Hot Plates, 120 VAC	Glass Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	900	120 VAC	04807-85
HP-200 Series Large-Capacity Infrared Hot Plates, 230 VAC	Glass Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	900	230 VAC	04807-84

Ordering Information – Stirring Only Units

Stirring Only, Standard									
Description	Top plate material	Plate shape	Control	Plate dimensions	Speed range	Max Capacity (Liters)	Watts	Voltage	Item Number
ST-200 Series Undergrad Analog Stirrers, Ceramic, 120 VAC	Glass Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	100-2000 rpm	15	50	120 VAC	04807-55
ST-200 Series Undergrad Analog Stirrers, Ceramic, 230 VAC	Glass Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	100-2000 rpm	15	50	230 VAC	04807-54
ST-200 Series Undergrad Analog Stirrers, Stainless Steel, 120 VAC	Stainless Steel	Square	Analog	15 x 15 cm (6 x 6 in)	100-2000 rpm	15	50	120 VAC	04807-57
ST-200 Series Undergrad Analog Stirrers, Stainless Steel, 230 VAC	Stainless Steel	Square	Analog	15 x 15 cm (6 x 6 in)	100-2000 rpm	15	50	230 VAC	04807-56
ST-300 Series Digital Round-Top Stirrers, 120 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	100-1800 rpm	20	—	120 VAC	04661-29
ST-300 Series Digital Round-Top Stirrers, 230 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	100-1800 rpm	20	—	230 VAC	04661-30

Stirring Only, Large Capacity								
Description	Top plate material	Plate shape	Control	Plate dimensions	Speed range	Max Capacity (Liters)	Voltage	Item Number
ST-200 Series Large-Capacity Stirrers, 120 VAC	Stainless Steel	Square	Analog	30 x 30 cm (12 x 12 in)	100-600 rpm	30	120 VAC	04807-75
ST-200 Series Large-Capacity Stirrers, 230 VAC	Stainless Steel	Square	Analog	30 x 30 cm (12 x 12 in)	100-600 rpm	30	230 VAC	04807-74

Stirring Only, Multi-Position									
Description	Top plate material	Plate shape	Control	Plate dimensions	Speed range	Number of Stirring Positions	Max Capacity	Voltage	Item Number
ST-200 Series Multiposition Stirrers, 5 position, 120 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-1500 rpm	5	18 kg (40 lb)	120 VAC	51450-21
ST-200 Series Multiposition Stirrers, 5 position, 230 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-1500 rpm	5	18 kg (40 lb)	230 VAC	51450-26
ST-200 Series Multiposition Stirrers, 9 position, 120 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-1500 rpm	5	18 kg (40 lb)	120 VAC	51450-23
ST-200 Series Multiposition Stirrers, 9 position, 230 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-1500 rpm	5	18 kg (40 lb)	230 VAC	51450-28
ST-200 Series 3-Position Stirrer, 230 VAC	Stainless Steel	Rectangle	Analog	55 x 21 cm (21.5 x 8.25 in)	0-1500 rpm	3	2 kg (4.4 lb)	230 VAC	51400-02

Ordering Information – Stirring Only Units

Stirring Only, Specialty									
Description	Top plate material	Plate shape	Control	Speed range	Number of stirring position	Max Capacity (Liters)	Nomical power consumption	Voltage	Item Number
BS-200 Series Stirrers for Cell Culture Stirring Systems, 1 liter capacity	Stainless Steel	Square	Analog	0-80 rpm	2	1	2 W	120/230 VAC	21837-01
BS-200 Series Stirrers for Cell Culture Stirring Systems, 0.5 liter capacity	Stainless Steel	Square	Analog	0-80 rpm	4	0.5	2 W	120/230 VAC	21837-03
BS-200 Series Stirrers for Cell Culture Stirring Systems, 1 liter capacity	Stainless Steel	Square	Analog	0-80 rpm	4	1	2 W	120/230 VAC	21837-02
BS-200 Series Stirrers for Cell Culture Stirring Systems, 5 liter capacity	Stainless Steel	Square	Analog	0-80 rpm	4	5	2 W	120/230 VAC	21837-04
Battery-Powered Magnetic Stirrer	Metal	Square	Analog	200-700 rpm	1	2.5	-	Battery	04804-01
ST-100 Series Mini Stirrer, 120/230 VAC	Polypropylene/ Polycarbonate	Square	Analog	350-2000 rpm	1	1	-	120/230 VAC	04801-19
ST-200 Series Portable Analog Stirrer; Battery Operated	ABS Plastic	Square	Analog	0-1300 rpm	1	1.5	-	Battery	04801-05
Modular Multi-Position Stirrer Kit	Glass	Square	Digital	100-1500 rpm	4	1	-	120/230 VAC	84003-80
Modular Stirrer Control Unit	Glass	Square	Digital	100-1500 rpm	4	1	-	120/230 VAC	84003-81
Modular Magnetic Stirring Unit	Glass	Square	Digital	100-1500 rpm	4	1	-	120/230 VAC	84003-82
ST-200 Series Ultra-Thin Magnetic Stirrer, 120/230 VAC	Polyester	Round	Digital	20-1500 rpm	1	1	3 W	120/230 VAC	84003-71

Ordering Information – Combination Heating and Stirring Units

Combination Heating and Stirring, Standard									
Description	Top plate material	Plate shape	Control	Plate dimensions	Max temperature	Speed range	Watts	Voltage	Item Number
SHP-200 Series Undergrad Analog Stirring Hot Plates, Ceramic, 120 VAC	Glass Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	100-2000 rpm	550	120 VAC	04807-59
SHP-200 Series Undergrad Analog Stirring Hot Plates, Ceramic, 230 VAC	Glass Ceramic	Square	Analog	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	100-2000 rpm	550	230 VAC	04807-58
SHP-200 Series Undergrad Analog Stirring Hot Plates, Aluminum, 120 VAC	Coated Aluminum	Square	Analog	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	100-2000 rpm	750	120 VAC	04807-61
SHP-200 Series Undergrad Analog Stirring Hot Plates, Aluminum, 230 VAC	Coated Aluminum	Square	Analog	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	100-2000 rpm	750	230 VAC	04807-60
SHP-300 Series Digital Stirring Hot Plate, Ceramic, Blue 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-1250 rpm	500	120 VAC	04806-42
SHP-300 Series Digital Stirring Hot Plate, Ceramic, Blue 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-1250 rpm	500	230 VAC	04806-43
SHP-300 Series Digital Stirring Hot Plate, Ceramic, White, 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-1250 rpm	500	120 VAC	04806-44
SHP-300 Series Digital Stirring Hot Plate, Ceramic, White, 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-1250 rpm	500	230 VAC	04806-45
SHP-300 Series Digital Stirring Hot Plate, Aluminum, Blue, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-1400 rpm	700	120 VAC	04806-36
SHP-300 Series Digital Stirring Hot Plate, Aluminum, Blue, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-1400 rpm	700	230 VAC	04806-37
SHP-300 Series Digital Stirring Hot Plate, Aluminum, White, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-1400 rpm	700	120 VAC	04806-38
SHP-300 Series Digital Stirring Hot Plate, Aluminum, White, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-1400 rpm	700	230 VAC	04806-39
SHP-400 Series Premium Digital Stirring Hot Plates, Ceramic, Blue, 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-2000 rpm	500	120 VAC	04806-80
SHP-400 Series Premium Digital Stirring Hot Plates, Ceramic, Blue, 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-2000 rpm	500	230 VAC	04806-81
SHP-400 Series Premium Digital Stirring Hot Plates, Ceramic, White, 120 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-2000 rpm	500	120 VAC	04806-82
SHP-400 Series Premium Digital Stirring Hot Plates, Ceramic, White, 230 VAC	Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	50-2000 rpm	500	230 VAC	04806-83
SHP-400 Series Premium Digital Stirring Hot Plates, Aluminum, Blue, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-2000 rpm	700	120 VAC	04806-64
SHP-400 Series Premium Digital Stirring Hot Plates, Aluminum, Blue, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-2000 rpm	700	230 VAC	04806-65
SHP-400 Series Premium Digital Stirring Hot Plates, Aluminum, White, 120 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-2000 rpm	700	120 VAC	04806-66
SHP-400 Series Premium Digital Stirring Hot Plates, Aluminum, White, 230 VAC	Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	50-2000 rpm	700	230 VAC	04806-67

Ordering Information – Combination Heating and Stirring Units

Combination Heating and Stirring, Standard (continued)									
Description	Top plate material	Plate shape	Control	Plate dimensions	Max temperature	Speed range	Watts	Voltage	Item Number
SHP-200 Series Undergrad Digital Stirring Hot Plates, Ceramic, 120 VAC	Glass Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	100-2000 rpm	550	120 VAC	04807-63
SHP-200 Series Undergrad Digital Stirring Hot Plates, Ceramic, 230 VAC	Glass Ceramic	Square	Digital	15 x 15 cm (6 x 6 in)	450 °C (842 °F)	100-2000 rpm	550	230 VAC	04807-62
SHP-200 Series Undergrad Digital Stirring Hot Plates, Aluminum, 120 VAC	Coated Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	100-2000 rpm	750	120 VAC	04807-65
SHP-200 Series Undergrad Digital Stirring Hot Plates, Aluminum, 230 VAC	Coated Aluminum	Square	Digital	15 x 15 cm (6 x 6 in)	325 °C (617 °F)	100-2000 rpm	750	230 VAC	04807-64
SHP-300 Series Digital Round-Top Stirring Hot Plates, 120 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	340 °C (644 °F)	100-1800 rpm	600	120 VAC	04661-45
SHP-300 Series Digital Round-Top Stirring Hot Plates, 230 VAC	Ceramic Coated Aluminum	Round	Digital	13.5 cm (5.3 in) dia	340 °C (644 °F)	100-1800 rpm	600	230 VAC	04661-46

Combination Heating and Stirring, Large Capacity									
Description	Top plate material	Plate shape	Control	Plate dimensions	Max temperature	Speed range	Watts	Voltage	Item Number
SHP-200 Series Large-Capacity Digital Stirring Hot Plates, Ceramic, 120 VAC	Glass Ceramic	Square	Digital	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	100-1500 rpm	1200	120 VAC	04807-77
SHP-200 Series Large-Capacity Digital Stirring Hot Plates, Ceramic, 230 VAC	Glass Ceramic	Square	Digital	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	100-1500 rpm	1200	230 VAC	04807-76
SHP-200 Series Large-Capacity Digital Stirring Hot Plates, Metal, 120 VAC	Al/Si Metal Alloy	Square	Digital	30 x 30 cm (12 x 12 in)	300 °C (572 °F)	100-1500 rpm	600	120 VAC	04807-79
SHP-200 Series Large-Capacity Digital Stirring Hot Plates, Metal, 230 VAC	Al/Si Metal Alloy	Square	Digital	30 x 30 cm (12 x 12 in)	300 °C (572 °F)	100-1500 rpm	600	230 VAC	04807-78

Ordering Information – Combination Heating and Stirring Units

Combination Heating and Stirring, Multi-Position										
Description	Top plate material	Plate shape	Control	Plate dimensions	Temperature range	Speed range	Number of Stirring Positions	Max Capacity	Voltage	Item Number
ST-200 Series Multiposition Stirring Hot Plates, 5 position, 120 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-450 °C (212-845 °F)	100-1500 rpm	5	18 kg (40 lb)	120 VAC	51450-71
ST-200 Series Multiposition Stirring Hot Plates, 5 position, 230 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-450 °C (212-845 °F)	100-1500 rpm	5	18 kg (40 lb)	230 VAC	51450-76
ST-200 Series Multiposition Stirring Hot Plates, 9 position, 120 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-450 °C (212-845 °F)	100-1500 rpm	9	18 kg (40 lb)	120 VAC	51450-73
ST-200 Series Multiposition Stirring Hot Plates, 9 position, 230 VAC	Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	100-450 °C (212-845 °F)	100-1500 rpm	9	18 kg (40 lb)	230 VAC	51450-78
ST-200 Series 3-Position Stirring Hot Plate, 230 VAC	Al/Si Metal Alloy	Square	Analog	16 x 16 cm (6.25 x 6.25 in)	50-325 °C (122-617 °F)	100-1500 rpm	3	2 kg (4.4 lb)	230 VAC	51600-08

Combination Heating and Stirring, Specialty										
Description	Top plate material	Plate shape	Control	Plate dimensions	Temperature range	Speed range	Number of Stirring Positions	Max Capacity (Liters)	Voltage	Item Number
SHP-200 Series Large-Capacity Infrared Stirring Hot Plates, 120 VAC	Glass Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	100-1500 rpm	1	15	120 VAC	04807-87
SHP-200 Series Large-Capacity Infrared Stirring Hot Plates, 230 VAC	Glass Ceramic	Square	Analog	30 x 30 cm (12 x 12 in)	450 °C (842 °F)	100-1500 rpm	1	15	230 VAC	04807-86

USA:
+1.800.323.4340
+1.847.549.7600

Canada: +1.800.363.5900
China: +86.21.5109.9909
France: +33 (0) 1486 37800
Germany: +49 (0) 9377 92030

India: +1.800.266.1244
Italy: +39 (0) 2 84349215
UK: +44 (0) 1480.272279
All other countries: +1.847.549.7600

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coleparmer.com