



Aluminum Top Hot Plates

CONTACT US

Phone: 310-830-6601

FAX: 310-830-9336

Email: info@sepor.com
& services@sepor.com

LOCATIONS

WEST COAST

718 N. Fries Avenue
Wilmington, CA 90744

EAST COAST

3740 NW 124th Ave
Coral Springs, FL 33065

Description:

Aluminum Top Hot Plates – 12" x 12" and 12" x 24"
Top Surface

- Thermostatic temperature control 'senses' and maintains hot plate temperature and provides excellent stability.
- Solid state relay and electronically controlled circuitry in 12 x 24" (30.5 x 60.9 cm) hot plate ensures safety and reliability for high wattage applications.
- Embedded heating elements transfer heat evenly to top plate.
- Cycle light indicates when power is being supplied to heating element.
- Stainless steel case provides optimal strength for heavy loads.
- 12 x 24" (30.5 x 60.9 cm) hot plate case is painted with epoxy paint for increased chemical resistance in corrosive environments.
- High wattage input is ideal for sizable heating tasks.
- Large 12 x 12" (30.5 x 30.5 cm) and 12 x 24" (30.5 x 60.9 cm) top plate surfaces accommodate up to 40 lb (18.2 kg) loads.
- Recommended for use with glass vessels only.



PRODUCT SPECIFICATIONS

Heating Surface Dimensions:

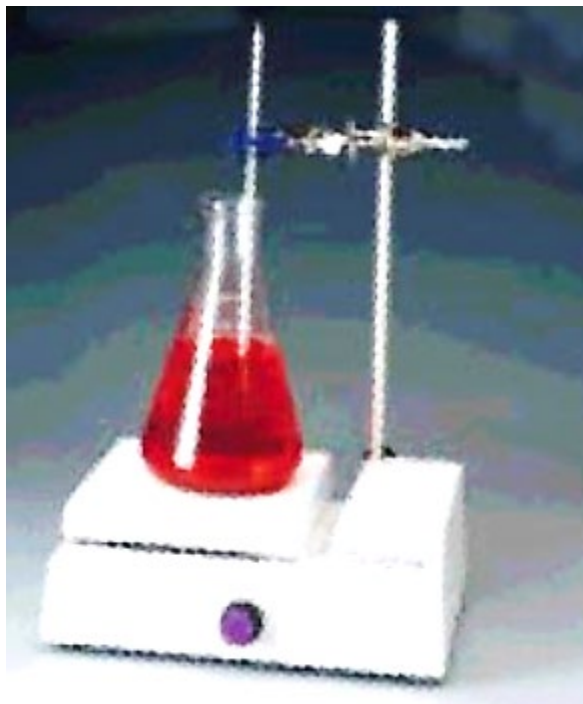
HP2235 – 12" W x 12"D (30.5 cm x 30.5 cm)

HP2245– 12" W x 24" D (30.5 cm x 60.9 cm)

12 x 24" top plate models not supplied with cord and plug due to high-wattage consumption requirements; must be connected through electrical conduit fittings.

Catalog Numbers	Model #	Volts	Amps	Watts	°C	°F
090A-001	HPA2235M	120	13.3	1600	38-371	100-700
090A-002	HPA2238M	240	7.7	1600	38-371	100-700
090A-003	HPA2245M	120	26.6	3200	38-371	100-700
090A-004	HPA2248M	240	15.4	3200	38-371	100-700

Porcelain Top Hot Plates



PRODUCT DESCRIPTION:

- Die cast aluminum case provides durability and long life.
- Porcelain-coated stainless steel top provides excellent corrosion resistance.
- One-inch (2.54 cm) long topside drip edge protects internal components in case of accidental spillage.
- Compact, low profile design fits on the most crowded lab bench.
- All units include an integral ring stand holder to accommodate a 0.5" (1.3 cm) diameter support rod.
- Accommodates up to 20 lb. (9.1 kg) loads.
- Recommended for use with glass vessels only.

OPERATION:

- Demand-type thermostatic temperature control senses top plate temperature, providing excellent temperature stability: $\pm 5.0^{\circ}\text{C}$ (9°F) at 371°C (700°F).
- Embedded heating elements transfer heat to the top plate,

supplying uniformity across the top plate surface of $\pm 18^{\circ}\text{C}$ (32°F) or better at 100°C (212°F).

- Low temperature control: 38°C (100°F) makes the Nuova hot plate the perfect choice for warming applications.

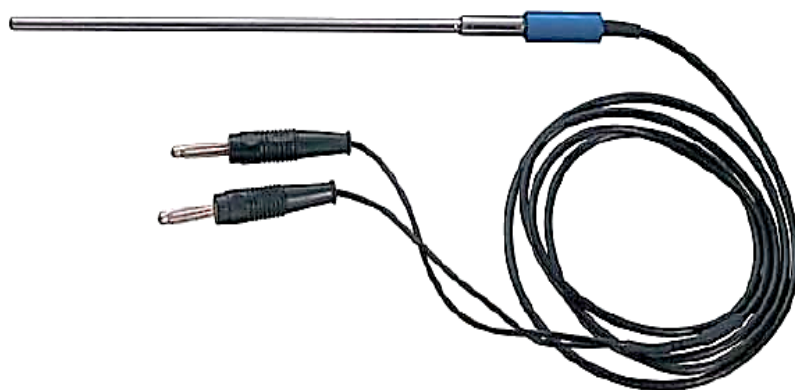
APPLICATION:

- General reagent heating.
- Digestions.
- Evaporation of liquid.
- Sample drying.
- Heating TLC plates.

Catalog Number	Model #	Volts	Amps	Watts	$^{\circ}\text{C}$	$^{\circ}\text{F}$
090A-010	HP18325	120	7	840	38–371	100–700
090A-020	SP18420	120	7	840	38–371	100–700
090A-011	HP18320-26	240	3.5	840	38–371	100–700
090A-021	SP18425	240	3.5	840	38–371	100–700

SP Models are Stirring Hot Plates, and have a variable speed stirring motor with teflon stir bar.

Porcelain Top Hot Plates



Optional temperature control sensor

Stir plate shown with optional temperature control sensor

Description:

- All Series S Stirring Hotplates feature nonporous glass ceramic tops, fast heating, touch control panel, .
- Glass ceramic offers excellent chemical resistance, resistance to thermal shock, it is poreless, and will not trap dirt like ceramic tops, and it transfers energy more efficiently.
- Corrosion resistant solid casing has hermetically sealed, non-flammable duroplastic top, and coated die-cast aluminum case.
- Residual heat display protects user from burning hazard.
- Digital display of stirring speed for quick and easy observation.
- Separate power switch turns unit off/on.

Optional temperature sensor control probe allows high degree of temperature accuracy, up to 1 degree C.

Catalog Number	Model
090A-061	SP 72725
090A-062	SP 72720
090A-063	SP 73235-60

Heating Power (Kw)		0.9
Heated zone (mm)		155
Max Temp (C)		550
Temp sensor connector		Yes
Accuracy w/sensor connected		1 Deg C
Hot plate material		Glass Ceramic
Hot plate area mm, (in)		235 x 235 (9.3 x 9.3)
Stir RPM range		100–1100
Stirplate L x W x H (mm)		370 x 240 x 85
Weight		8.8 lbs.
Max Load		55 lbs.
Power Required		115 V/1 Ph/60 Hz, 220 V/1 Ph/50 Hz

Series SL Hot Plate



Description:

Catalog Number 090A-090

- All Series SL Hot Plates feature nonporous glass ceramic tops, fast heating, touch control panel, .

- Glass ceramic offers excellent chemical resistance, resistance to thermal shock, it poreless, and will not trap dirt like ceramic tops, and it transfers energy more efficiently.

- Corrosion resistant solid casing has hermetically sealed, non-flammable duroplastic top, and coated die- cast aluminum case.

- Residual heat display protects user from burning hazard.

- These plates are hot plates only, they do not have stir mechanisms.

- Separate power switch turns unit off/on.

Has threaded fitting for stand attachment in rear of hotplate

Heating Power (Kw)		1.2 Kw
Heated zone (mm) SL-1 SL-2	165 mm 200 mm	
Max Temp (C)	600	
Temp sensor connector	Yes	
Accuracy w/sensor connected	1 Deg C	
Hot plate material	Glass Ceramic	
Hot plate area mm, (in)	280x 280 mm(11 x 11 in)	
Stir RPM range	N/A	
Stirplate L x W x H (mm)	395 x 295 x 110 mm	
Weight	8.8 lbs.	
Max Load	55 lbs.	
Power Required	115 V/1 Ph/60 Hz, 220 V/1 Ph/50 Hz	

CIMAREC Ceramic Top Hot Plates



Features:

- Solid ceramic top plate is easily cleaned, resistant to acid and alkali.
- Reflective bright white color enhances sample visibility.
- Top plate sizes to fit any requirement. Choose 4" x 4", 7" x 7" or 12" x 12" (10.1 x 10.1 cm, 17.7 x 17.7 cm or 30.4 x 30.4 cm) stirring surfaces.
- Top side drip edge channels spilled liquid away from knobs and provides protection for inside components.
- Rugged cast aluminum bodies provide stability and durability.
- For safe operation, all models include a power indicator light that

illuminates when power is applied to the control.

- Quiet stirring at a gentle 100 rpm as well as at a vigorous 1000 rpm operation.
- Strong magnetic coupling ensures that stir bar remains coupled with drive magnet, even in viscous solutions.
- An integral ring-stand holder on all models accommodates support stand and clamp.
- Accommodates sample weights to 25 lb. (11.3 kg) on 7" x 7" and 12" x 12" models, and 10 lb. (4.5 kg) on 4" x 4" models.

Specifications for 12 x 12 Model HP47130 & HP37130-33

Amps 12.0

Cord Set 15 Amp

Hertz 50/60

Operating Temp Range C 150-538

Operating Temp Range F 300-1000

Shipping Weight 12.8 lb.

Volts 120/240

Watts 3100

Catalog Number	Model
090A-041	HP 47130
090A-022	HP 37130-33

Mirak Stirring Hot Plates



- Solid state electronic feedback control constantly monitors and adapts to sudden changes in ambient or sample temperature, preventing boil-overs, ruined samples, and lost time.

- Reliable electronic control maintains temperature stability of the top plate center or sample. Use Mirak units to heat metal vessels and sandbaths without damaging ceramic tops.

- All Mirak units are designed with a solid ceramic top for the most durable, easy to clean, corrosion- resistant top plate available.

- The motors in the Mirak Stirring Hot Plates produce maximum stirring torque, which when combined with a stir bar – even with a solution that has a viscosity similar to cooking oil.

- Mirak's solid ceramic top remains perfectly flat to ensure maximum heat transfer.

- Reflective bright white color makes sample viewing easy. • If maintaining a precise

solution temperature is important, utilize the accessory type K isolated immersion probe with any Mirak hot plate to control sample solution temperature. • Digital display of temperature and stirring speed for quick and easy observation.

- Separate power switch turns unit off/on without disturbing temperature.

- Ring stand holder accommodates a standard 1/2" (1.27cm) diameter support rod to aid in securely positioning the temperature probe.

- Your last set point is stored in memory and will always appear on the display when the unit is switched on again.

- 7×7" (18 x 18 cm) hot plates accommodate flasks up to 4 liters in volume and top plate loads of up to 25 lb. (11.4 kg).

- 12 x 12" (30 x 30 cm) hot plates accommodate flasks up to 6 liters in volume and top plate loads of up to 30 lb. (13.6 kg).

Catalog Number	Model #	Size	Cord Set	Amps	Volts	Watts	°C	Shipping Weight
090A-070	SP72725	7" x 7"	Standard	9.2	120	1100	40–540	10.4 Lbs
090A-071	SP72720	7" x 7"	Standard	4.6	240	1100	40–540	10.4 Lbs
090A-072	SP72720-26	7" x 7"	European	4.6	240	1100	40–540	10.4 Lbs
090A-073	SP73235	12" x 12"	20 Amp	13.5	120	1620	40–370	20.1 Lbs
090A-074	SP73235-60	12" x 12"	Standard	13.5	120	1620	40–370	20.1 Lbs
090A-075	HP73230	12" x 12"	Standard	12.3	240	100	40–370	20.1 Lbs
090A-076	SP73230-26	12" x 12"	European	12.3	240	100	40–370	20.1 Lbs

Remote Control Hot Plates



Description:

- Porcelain coated stainless steel top offers chemical and stain resistance.
- Temperature stability of the RC2200 units is $\pm 5^{\circ}\text{C}$ (9°F) over the operating temperature range.
- Embedded heating elements evenly transfer heat to the top plate for maximum temperature uniformity (within $\pm 10^{\circ}\text{C}$ (18°F) at 150°C (300°F)).
- Line cord from the hot plate to remote control is protected by chemically resistant cover.
- Stainless steel case offers maximum resistance to corrosion.
- Power light indicates when control is operating.

- Unit includes a five foot (1.5 meters) long three-wire cord, and plug.
- Infinite temperature selection is provided by a percentage input controller.
- Large 12" x 12" (30.5 cm x 30.5 cm) and 12" x 24" (30.5 cm x 60.9 cm) top plate surfaces accommodate up to 40 lb (18.1 kg) loads.
- Recommended for use with glass vessels only.

Specifications:

Amps 13.3

Heating Surface D 12 (30.5)

Heating Surface W 24 (60.9)

Hertz 50/60

Operating Temp Range C 150–371

Operating Temp Range F 300–700

Overall Dimensions D 12 (30.5)

Overall Dimensions H 6.13 (15.5)

Overall Dimensions W 24 (60.9)

Shipping Weight LK 40 (18.1)

Volts 240

Watts 3200

Catalog Number	Size	Volts	Watts
090A-001	12×12	120v	1600
090A-002	12×12	240v	1600
090A-003	12×24	120v	3200
090A-004	12×24	240v	3200