

Thermolyne  
Hot Plate and  
Hot Plate Stirrers



## Mirak® Digital Ceramic Top Hot Plates



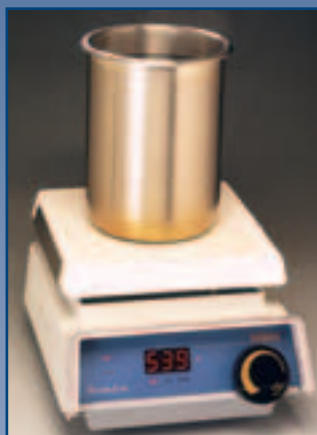
### Measures Temperature on Plate or in Sample!

- Electronic feedback
- Control solution temperature with a probe
- Safely heat metal vessels

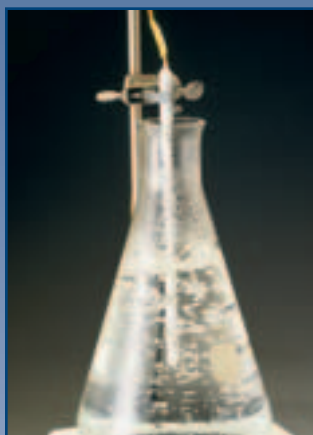


Mirak Hot Plates

*Because the advanced electronic control in the MIRAK is capable of precisely regulating the top plate temperature, metal vessels and sand baths may be safely heated without damaging the ceramic top.*



*Temperature may be controlled at the top plate by an internal sensor, or controlled from your sample by simply plugging in the immersion probe accessory.*



*Heating control knob allows you to quickly and accurately dial in a precise temperature setting. The MIRAK will not heat until you press the knob to initiate operation.*



*A clear plastic cover protects dial plate from spills and is removable for easy cleaning.*



*A separate power switch turns the unit off or on without disturbing your temperature setting.*



*Ring-stand holder accommodates a standard 1/2" (1.27 cm) diameter support rod.*



## Thermolyne Hot Plate and Hot Plate Stirrers



### Product Description

- Solid state feedback control monitors and adapts to sudden changes in ambient or sample temperature, preventing boil-overs, ruined samples, and lost time.
- Use Mirak units to heat metal vessels and sandbaths without damaging ceramic tops.
- All Mirak units use solid ceramic tops for the most durable, easy to clean, corrosion-resistant top.
- Mirak's ceramic top remains perfectly flat to ensure maximum heat transfer.
- Reflective white top makes sample viewing easy.
- Mirak can be used with optional probes to maintain tighter solution temperatures.
- Digital display for quick and easy observation.
- Separate power switch turns unit off/on without disturbing temperature setting.
- Previous set point is stored in memory and will appear on the display when the unit is switched on.
- Ring stand holder accommodates a standard 1/2" (1.27cm) diameter support rod.
- 7" x 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).

### ORDERING INFORMATION

7" x 7" (18 x 18 cm) Heating Surface  
Overall Dimensions 8.3" (21.0 cm) x 5.7" (14.6 cm) x 12.2" (31.1 cm)

Model #	Cord Set	Electrical (50/60 Hz)			Operating Temp Range		Stirring Speed Range	Shipping Weight Lb. (kg)	US List Price
		Volts	Amps	Watts	°C	°F			
HP72625 <sup>1</sup>	Standard 15-Amp	120	9.2	1100	40-540	104-1004	N/A	11 (5.0)	\$744.00
HP72620 <sup>1</sup>	Standard 15-Amp	220-240	4.6	1100	40-540	104-1004	N/A	11 (5.0)	\$744.00
HP72620-26	European	220-240	4.6	1100	40-540	104-1004	N/A	11 (5.0)	\$744.00

12" x 12" (30 x 30 cm) Heating Surface  
Overall Dimensions 12.3" (31.4 cm) x 6.7" (17.1 cm) x 16.6" (42.2 cm)

**NOTE: A 20 amp cord set is required on the CSA-approved models of the 12" x 12" (30 x 30 cm) 120 volt Mirak hot plate (HP72935). This 20 amp cord set can only be plugged into a non-standard 20 amp, 120 volt receptacle. A 12" x 12" (30 x 30 cm) 120 volt Mirak hot plate (HP72935-60) is available with a standard 15 amp, 120 volt cord set. This model is not CSA-approved.**

HP72935 <sup>1</sup>	20-Amp	120	13.5	1620	40-370	104-698	N/A	25 (11.3)	\$920.00
HP72935-60	Standard 15-Amp	120	13.5	1620	40-370	104-698	N/A	25 (11.3)	\$920.00
HP72930 <sup>1</sup>	Standard 15-Amp	220-240	12	3100	40-540	104-1004	N/A	25 (11.3)	\$920.00
HP72930-26	European	220-240	12	3100	40-540	104-1004	N/A	24 (10.9)	\$920.00
HP72938	20-Amp	208	13.9	2900	40-540	104-1004	N/A	25 (11.3)	\$920.00

<sup>1</sup>CSA

### ACCESSORIES

Model #	Descriptions	US List Price
TC732X1	General purpose immersion probe with 6" (15.24 cm) long stainless-steel sheath	\$125.10
TC732X2	General purpose immersion probe with 10" (25.40 cm) long stainless-steel sheath	\$125.10
TC727X2	Chemically-resistant immersion probe with 9.5" (24.0 cm) long Teflon™ sheath (rated for solution temperatures up to 300°C)	\$165.40