

Electrothermal Heating Mantles



Electric Bunsen and Heating Rods



CE

SP

Model BA6101X1

Product Description

- Combines the advantages of the gas burner with the clean operation and control ease of electric heating.
- Heavy duty construction made of a corrosion resistant metal housing.
- Consumes only 400 watts of power.

The Highest Temperature Electric Bunsen Burner!

- Temperature range from 800 - 1000°C
- Replaceable heating elements
- Corrosion resistant metal housing
- Temperature range: 800°C - 1000°C (1472°F - 1832°F).
- Conical shaped heating element directs the radiant heat toward the top cavity.
- Heating elements are easy to replace.
- Since the radiation from the heater is directed upwards only, it can be used for such purposes as heating test tubes, crucibles, small flasks and beakers independent of their shape.
- MC242X1 and MC242 can be used for controlling bunsen burner.
- Air circulation from the vented housing keeps the base cool enough to hold during operation.
- Top cowl deflects heat away from your hand.

ORDERING INFORMATION

Model #	Description	Volts	US List Price
BA6101X1 ^{1,2}	Electrothermal "Bunsen"	115	\$397.00
BA6101 ¹	Electrothermal "Bunsen"	230	\$397.00



Model BD6832

Product Description

- The "Red Rod" is a true radiant heater. Infra-red radiation passes through quartz with very little absorption, so that a large proportion of heat is transferred to the liquid.
- The heating element is covered by a quartz sheath which is chemically resistant to most solutions with the exception of hydrofluoric acid, phosphoric acid and concentrated caustic alkalis.
- No installation is necessary, the heater simply rests against the side of the vessel.
- Heat the contents of multi-neck flasks allowing full visibility and minimizing the dangers of exothermic reaction due to the fast response of the heater to control equipment.
- Grounded protection is provided by a grounded probe for added safety.
- Requires external temperature control.

ORDERING INFORMATION

Model #	Volts	Watts	Overall Length Inches (cm)	Heating Length Inches (cm)	US List Price
BD6932 ¹	230	400	11.8 (30.0)	6.3 (16.0)	\$228.00
BD6933 ¹	230	500	13.8 (35.0)	7.9 (20.0)	\$270.00
BD6901X1 ¹	115	300	9.84 (25.0)	6.3 (16.0)	\$203.00
BD6902X1 ¹	115	400	11.8 (30.0)	7.1 (18.0)	\$228.00
BD6903X1 ¹	115	500	13.8 (35.0)	7.9 (20.0)	\$270.00

¹BD 6901, 2, 3 are not grounded. There is normally a tolerance of ± 1 mm on the 12 mm outside diameter.
¹ CE, ² CSA