

CE

# Short Wave IR Heaters



**Short Wave IR Heaters**

## Product Description

Shortwave Infrared heat is transmitted directly in the form of electromagnetic rays, at a velocity of approx. 300,000 km/sec: i.e. at the speed of light. but is also suitable for particularly demanding applications such as Vacuum technology and clean room conditions.

Infrared heat is particularly economical on energy compared to other heat sources because it acts quickly, directly on products. Short Wave IR emitters are suitable for all applications in which the attainment of high temperatures in the shortest possible time is what counts.

These lamps are not only the fastest in transmitting heat but are most suitable for specific applications involving vacuum technology and dust free (clean room) conditions.

### Features

- ▶ Heating is done by radiation this eliminates loss of energy used for heating media and heat loss due to convection
- ▶ Here the infrared waves penetrate the material, on which it falls and delivers the heat directly to that material
- ▶ Various type of termination options are available
- ▶ Standard stock size from 250 w to 2000w in 230 v and 415 v
- ▶ Heating Length ranging from 127mm to 1200mm

### Application

- ▶ PET preform heating in stretch blow moulding machines
- ▶ Printing ink drying in offset machines
- ▶ Paper coating drying
- ▶ Pre - heating prior to embossing
- ▶ Screen printing curing on T - shirts Textiles and many more

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## Standard Stock Sizes

Item Code	Heater Length (mm)	Overall Length (mm)	Wattage (W)	Voltage (V)
SW 500	127	212	500	240
SW 1000	254	348	1000	240
SW 1600 S	406	500	1600	240
SW 1600 D	406	500	1600	415
SW 2000 S	508	626	2000	240
SW 2000 D	508	626	2000	415
SW 2500 S	635	728	2500	240
SW 2500 D	635	728	2500	415
SW 3000 S	765	875	3000	240
SW 3000 D	765	875	3000	415