

Shortwave IR Heaters and Modules



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.

IR is therefore not only the "fastest form of heat", 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 product.

Short Wave IR emitters are suitable for all applications in which the attainment of high temperatures in the shortest possible time is what counts.

APPLICATIONS

- PET preform heating in stretch blow moulding machines.
- Paint baking.
- Rubber coating drying.
- Soldering fusing in PCB industries.
- Sterilizing / mirror coating drying in glass industries.
- Printing link drying in offset machines.
- Powder coating curing.
- Impregnation plants.
- Paper coating drying.
- All type of laminations.
- Preheating prior to embossing.
- Screen printing curing to T-shirts & textiles.



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Standard Range of Shortwave IR Heaters

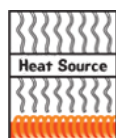
Code	Heated Length HL (mm)	Overall Length OL (mm)	Wattage (w)	Voltage (v)
SW 500	127	212	500	240
SW 1000	254	348	1000	240
SW 1600	406	500	1600	240 & 415
SW 2000	508	626	2000	240 & 415
SW 2000/950	850	950	2000	240
SW 2000/1120	1120	1020	2000	240 & 415
SW 2500	635	728	2500	240 & 415
SW 3000 S	508	626	3000	240
SW 3000 D	765	875	3000	415
SW 4000	1120	1020	4000	415

All the above heaters are with round cap and 100 mm long lead wire at both ends. For horizontal mounting application only.

Standard Range of Shortwave IR Modules

Overall Dimensions (mm)				Lamp Specification			
Module Code	Length	Width	Depth	Lamp Used	Heated Length	Watts	Volt
IRN 500	310	80	55	SW 500	127	500	240
IRN 1000	460	80	55	SW 1000	254	1000	240
IRN 1600 S	610	80	55	SW 1600 S	406	1600	240
IRN 1600 D	610	80	55	SW 1600 D	406	1600	415
IRN 2000 S	725	80	55	SW 2000 S	508	2000	240
IRN 2000 D	725	80	55	SW 2000 D	508	2000	415
IRN 2000 D	825	80	55	SW 2000 D	635	2500	415
IRN 3000 S	725	80	55	SW 3000 S	508	3000	240
IRN 3000 D	975	80	55	SW 3000 D	765	3000	415

Wider Module IRW type is available in above specifications with same lengths x 145 mm (width) x 80 mm (depth)



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