

USHIO

IR-Heater Module



Equipped with three short wave IR-lamps, the IR-module achieves a maximum power density of $150\text{kW}/\text{m}^2$ and can be cooled either using an internal or external fan. By using bended short wave IR-lamps in combination with a novel ceramic reflector, the IR-module creates a homogeneous heat distribution to the edges of the device.

USHIO: Your one-stop supplier for IR-Heater solutions.

Applications:

- Thermoforming
- Welding
- Curing
- Laminating
- Printing
- Drying

Advantages:

- Compact bended IR-lamps
- High power density 150kW/m²
- Shortwave radiation
- Cascadable
- Integrated cooling
- Homogeneous heating field

Specifications:

- Article number: 610003151
- Name: IRM-UD-003-03-0297-A
- Dimensions: 295 x 72 x 133mm
- Power: 3kW
- Voltage: 235VAC
- Number of Lamps: 3 bended IR-lamps
- Cooling: Integrated Fan
- Position: Horizontal
- Extended Heating Fields: Cascadable
- Temperature control: Optional
- Electronic cabinet: Optional

Develop together with USHIO

USHIO is a partner that listens to your ideas and requirements. Let us optimize your processes according to your specifications and expectations. Use our expertise to develop a tailor-made solution together that matches your needs.

No matter what heating application you have, due to the compact size of 295mm x 133mm x 72mm and the independently controlled IR-lamps, the IR-module is the best match to create planar and curved heat profiles. The heater module can also be used in a “building block” format by combining modules to the required heating fields. If your application requires a different color temperature or lamp power then please contact us and we will design a solution tailored to your specifications.



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