



## 2kw Quartz Radiant Heater Module



The body of the unit is made of stainless steel with a molybdenum reflector and the quartz halogen lamps are protected from coating deposits by a sheet of high temperature furnace glass. The cover is easily removed to enable replacement of the lamps or glass.

The cable is protected by a flexible stainless steel conduit that is securely attached to the lamp case and power plug and the power connection to the transformer is via a high quality vacuum feedthrough connector system that fits in the base of the chamber.

The heater units are mounted in the coating system underneath the substrate holder where they directly heat the side of the substrate to be coated, this has been proved to be very advantageous particularly for thick substrates.

The heater module is fitted with a bracket on the back enabling the module to be tilted back or forward and can be mounted to suit your chamber configuration, multiple heater modules can be fitted depending on chamber size and heating requirements.

The heaters are supplied from an isolating transformer controlled by a thyristor and temperature controller. Two modules can be powered from one transformer.

**Wordentec Limited, Lake Industrial Estate, Shebbear, Devon, UK, EX21 5SP**

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Example showing four heater modules mounted at the rear of the chamber  
Heater modules come complete with lamps, glass, feedthrough and connectors.

#### **Technical Data**

Halogen Lamp Rating ( 2 per module )	1kW
Colour temprature (approx)	2950K
Wavelength of maximum radiation	980nm

<b><u>Spare parts and accessories</u></b>	<b><u>Part Number</u></b>
2kw Radiant Heater Module	WCS-0215
1kw Halogen Lamp	WCS-0087
High Temperature Furnace Shielding Glass	WCS-0166
4.5KVA Isolating Transformer	WCS-0242
25A Thyristor	WCS-0243
Eurotherm 2408 Controller	WCS-0244

**We can offer heater module packages with a full installation service.  
Please contact us to talk through your system requirements and current pricing.**

All components are available as spare parts direct from Wordentec.

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