

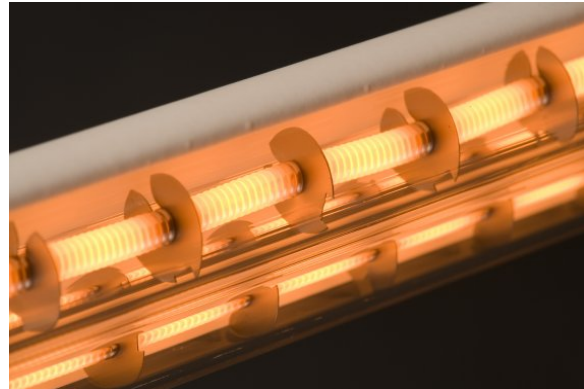
QRC IR Heater with Quartz Reflective Coating

Many sensitive heating processes run faster, more efficiently and somewhat more stable when infrared emitters with the new QRC reflector are used. A reflector helps to target infrared radiation. Heraeus Noblelight has developed a new reflector, which, unlike conventional reflectors, is nearly metal-free.

The new QRC (quartz reflective coating) reflector consists of high purity synthetic quartz material, with which the quartz glass tube is coated.

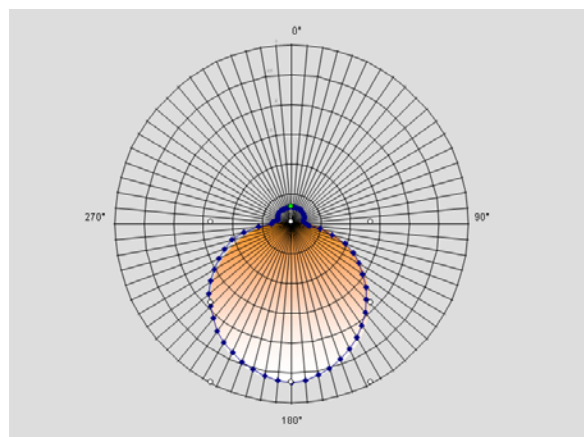
As a result, the emitter is very compact and requires very little working space. The quartz reflector has very good heat resistance up to around 1000°C and is also resistant to acids, alkalis and other aggressive substances. Consequently, emitters with this reflector can be used even in manufacturing processes where the manufacturing plant requires regular cleaning with corrosive cleaning agents.

- Operating in Vacuum
- High Temperature Processes
- Processes with acids, alkalis or other aggressive chemical substances



Technical Data

Wavelength	Short wave to medium wave
Twin tube	23 x 11mm
Cross sections	
Maximum power	80W / cm
Electrical connections	One side or two sides
Reflectivity	Image shows a typical radiation distribution of a QRC heater



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