

## QRS Infrared Heater with Quartz Reflective System

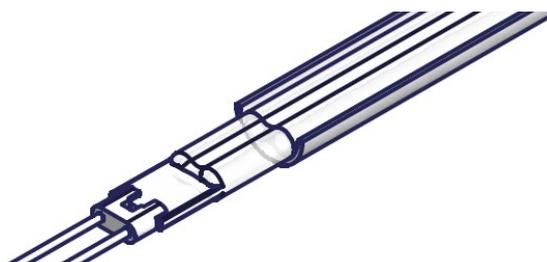
Heraeus Noblelight infrared heating technology offers important features: Heating only where it is required, with the optimum wavelength for the product to be heated and in harmony with the process. Infrared heaters transfer large amounts of energy within short time. Infrared heating technology requires no contact with the material and no intermediate medium such as air or water. This offers new advantages for:

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

A reflector helps to target the infrared radiation. We have developed a new reflector, which, unlike conventional reflectors, is not made of gold or metal oxides but of quartz glass and is nearly metal-free. Our new reflector is made of quartz material, highly resistant against high temperatures, acids and leaches.

### Technical Data

Wavelength		From near infrared (NIR) to medium wave
Twin tube Cross sections		23 x 11mm / 34 x 14 mm
Heated length		For vertical use up to 1,5m For horizontal use up to 2,0m
Maximum Power		80 W / cm
Electrical connections		One side or two sides



Data sheet – May 2007 – Any changes reserved

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