

## QRS™ Infrared Heater with Quartz Reflective System

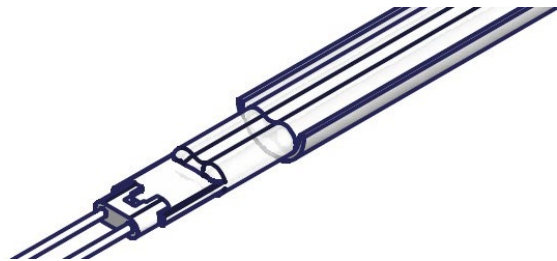
Heraeus Noblelight infrared heating technology offers important features: Heating only where it is required, with the optimum wavelength for the product to be heated and in harmony with the process. Infrared heaters transfer large amounts of energy within short time. Infrared heating technology requires 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 2020 – Any changes reserved

Germany  
**Heraeus Noblelight GmbH**  
 Infrared Process Technology  
 Reinhard-Heraeus-Ring 7  
 63801 Kleinostheim  
 Phone +49 6181 35-8545  
 Fax +49 6181 35 16-8410  
 hng-infrared@heraeus.com  
 www.heraeus-noblelight.com/infrared

USA  
**Heraeus Noblelight America LLC**  
 1520C Broadmoor Blvd.  
 Buford, GA 30518  
 Phone +1 678 835-5764  
 Fax +1 678 835-5765  
 info.hna.ip@heraeus.com  
 www.heraeus-thermal-solutions.com

Great Britain  
**Heraeus Noblelight Ltd.**  
 Clayhill Industrial Estate  
 Neston, Cheshire  
 CH64 3UZ  
 Phone +44 151 353-2710  
 Fax +44 151 353-2719  
 ian.bartley@heraeus.com  
 www.heraeus-infraredsolutions.co.uk

China  
**Heraeus Noblelight (Shenyang) LTD**  
 2F, 5th Building 5  
 No. 406, Guilin Rd, Xuhui District  
 200233 Shanghai  
 Phone +8621 3357-5555  
 Fax +8621 3357-5333  
 info.hns@heraeus.com  
 www.heraeus-noblelight.cn