



## Infrared heater for processes under extreme conditions

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 emitters 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.

Heraeus Noblelight has 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

- Operating in Vacuum
- For emitters from near infrared NIR to medium wave
- For twin tube, cross section 23x11mm
- Vertical use with maximum heated length of 1100mm
- Horizontal use with maximum heated length of 500mm
- Maximum power 80W/cm
- One side or two side electrical connection

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