



## Pure Heat for thermal processes

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
- Clean Processing
- High Temperature Processes

Every emitter type can be modified for the benefit of your process. Our new developed products are:

- Metal free reflector  
made of quartz material, highly pure and highly temperature resistant

A reflector helps to target the infrared radiation. A gold reflector, for example, directs around 90% of the emitted heat onto the product.

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 consequently absolutely metal-free.

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