



## Infrared Heat Dries Screen Printing on laminated Car Glass

Fuyao, one of China's largest manufacturers of automotive glass, manufactures laminated glass, which is in high demand in the automotive industry because laminated glass does not shatter when the car's windshield is damaged. Automobile windshields are cut from sheets of laminated glass, and then a black border is printed around their edges. Fuyao has been purchasing conventional medium-wave heaters from Heraeus for several years. Last year, the company's management decided to gradually modernize its Chinese plants, in the interest of faster production and better quality. After conducting thorough testing, Fuyao chose to purchase Heraeus' carbon heaters. Few people notice the black borders found on automobile windshields. But these borders are important: Windshields are usually held in place with an adhesive and are expected to be durable and stay put. It is not easy to live up to these expectations, however, since the adhesive and rubber are constantly exposed to the sun and its UV rays. The black borders protect against UV rays and also allow for greater leeway in applying adhesive. Medium-wave heaters are an optimal solution for drying screen printing on glass for the black borders. Although both reliable and durable, medium wave heaters are slow and not particularly powerful. Heraeus Noblelight's carbon infrared heater CIR<sup>®</sup> combines the effectiveness of medium-wave heaters with high performance and rapid response times.



### Features

- Infrared emitters dry black screen printing on laminated car glass

### Technical Data

- Carbon infrared emitters
- medium wave length
- high power
- short response times of 1-2 seconds

Germany  
**Heraeus Noblelight GmbH**  
Industrial Process Technology  
Reinhard-Heraeus-Ring 7  
63801 Kleinostheim, Germany  
Phone +49(0)6181.35-8545  
Fax +49(0)6181.35-168545  
hng-infrared@heraeus.com  
www.heraeus-noblelight.com

USA  
**Heraeus Noblelight LLC**  
1520C Broadmoor Blvd.  
30518 Buford, GA  
  
Tel: +1 678 835 5764  
Fax: +1 678 835 5765  
info@noblelight.net  
www.noblelight.net

Great Britain  
**Heraeus Noblelight Ltd.**  
Unit 1 Millennium Court, Clayhill  
Industrial Estate, Buildwas Road  
Neston, Cheshire, CH64 3UZ  
Phone +44(151)353-2710  
Fax +44(151)353-2719  
ian.bartley@heraeus.com  
www.heraeus-noblelight.com

China  
**Heraeus Noblelight GmbH**  
Room502, 5F, Building 16, No.99,  
Tianzhou Road Shanghai, China  
Post code: 200233  
Phone +86 21-54452255  
Fax +86 21-54452410  
info.hns@heraeus.com  
www.heraeus-noblelight.com