



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® 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
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