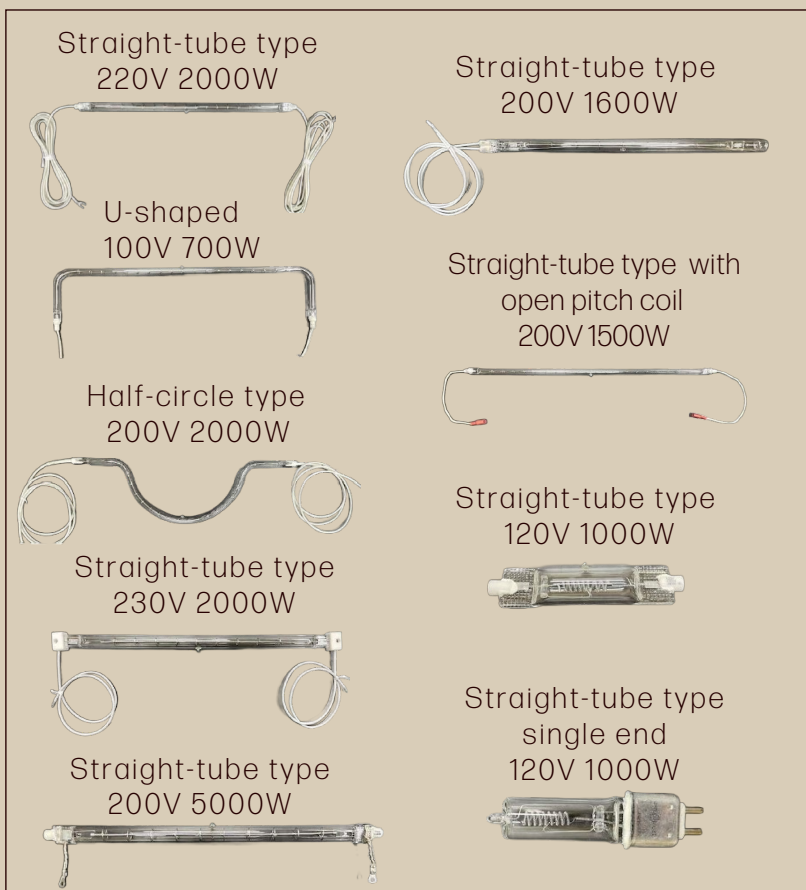


INFRARED HEATER

Our products



Product Features

Advantages of IR (Infrared) Heating Lamps in Semiconductor Applications:

- **High Thermal Efficiency and Rapid Response:** Radiative heating acts directly on the target material, requiring no medium for conduction, enabling rapid heating and cooling of hundreds of degrees per second.
- **High Cleanliness (No Contamination Risk):** The heating element is encapsulated in a high-quality quartz tube, generating no particles. As it is a non-contact heating method, it fully meets the extremely high cleanliness requirements of cleanrooms.
- **Independent Temperature Control in Multiple Zones (Uniformity):** Multiple IR lamp arrays allow for independent power control in multiple zones, overcoming heat loss at wafer edges and achieving excellent in-plane temperature uniformity.
- **Precise Wavelength Matching:** Covering short to medium wavelengths (0.8~4.0 μm), short-wave, fast mid-wave, or medium-wave lamps can be selected based on the material's spectral absorption characteristics, improving energy conversion efficiency.

Contact us

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Radiation power (relative units)

