Radiant Process Heaters

High Intensity Medium Wave Quartz Mini-Tube Infrared Heaters
KTE (Translucent Tubes) & KTG (Clear Tubes with Gold Coated Ceramic Backing)

Series KTE — Translucent Tubes

Design Features

* Standard industry sizes and ratings up to 60 w/in² (interchangeable with CRC, CRB, CRN and CRZ ceramic heaters).
* Highly reflective rugged aluminized steel housing construction.
* Rapid response — 2.5 to 7.5 deg F / sec. heat-up / cool-down rates, depending on unit watt density.
* Medium wavelength output (2.5 – 6 microns).
* Standard winding pattern gives uniform heating over entire face of heater. (Consult factory for custom or high intensity winding patterns and/or sizes.)
* Optional built-in type K or J T/C available in center of unit face.

Typical Applications

✈ Ideal for drying, adhesive and epoxy bonding/curing
✈ Laminating
✈ Shrink packaging

Series KTG — Clear Tubes with Gold Coated Ceramic Backing

Up to 95% reflective efficiency using gold coated ceramic backing

* Ideal for systems requiring small area zoning and close control of process.
* Best when used at radiation distances of 4 – 10" from work.
* Suitable for horizontal or vertical operation with tubes in horizontal plane.
* Designed for use in CRA linear structural housings and ARV array assemblies. See pages 7-48 through 7-51.
* 120, 208, 240, 277 or 480V design (consult factory for 575V units)

✈ Thermoforming plastics
✈ Other processes requiring fast penetration of heat into metals, wood, synthetic fabrics, and plastics

Custom Engineered/Manufactured KTE Heaters

An electric heater can be very application specific; for sizes not listed, TEMPCO will design and manufacture a KTE or KTG E-Mitter or complete system to meet your requirements.

**Standard lead time is 3 weeks.**

**Please Specify** the following:

- Housing Length
- Housing Width
- Mounting Style (S, C)
- Wattage
- Voltage
- KTE Translucent Quartz or KTG Clear Tubes with Gold Coated Ceramic Backing
- Beaded Lead Length: Standard 6"
- Thermocouple: Optional Type K (Standard 6")
- Options and Accessories: See pages 7-20 through 7-23

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

View Product Inventory @ www.tempco.com