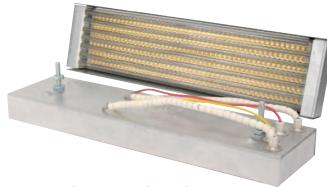
KTE & KTG E-Mitters



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



Series KTE - Translucent Tubes



Series KTG — Clear Tubes with Gold Coated Ceramic Backing

Up to 95% reflective efficiency using gold coated ceramic backing

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 / cooldown 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.

- * 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
- * 120, 208, 240, 277 or 480V design (consult factory for *575V units*)

Typical Applications

- → Ideal for drying, adhesive and epoxy bonding/curing
- **Laminating**
- **→** Shrink packaging

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

Ordering Information

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:

- **Standard Heaters** Order by Part Number for Standard heaters.
- 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.