Highly Accurate On-Line Infrared Non-Contact Pyrometer

CE   **800°C to 2500°C**

Portable Pyrometer -60°.... 2400°C

| KTS TCT 500 | KTS TCT 750 | KTS TI 1500 | KTS TI 2400 |

Features

- ➢ Large LCD display with power back light

- ➢ Mini thermocouple socket up to 1400°C
- ➢ Under memory mode, record & display the specific temperature with emissivity
- ➢ Laser and back light on/off control
- ➢ °C / °F switch mode
- ➢ USB interface.

Applications

- ➢ Metal Processing

- ➢ Forging, Brazing
- ➢ Rolling & Welding
- ➢ Preheating, Tempering
- ➢ Hardening
- Ø Founding
- Ø Sintering
- Ø Melting

Optional inbuilt Socket

Memory mode

Blue back light

Model	KTS TCT 500	KTS TCT 750	KTS TI 1500	KTS TI 2400
Measurement range	-60° to 500°C	-60° to 750°C	-60° to 1500°C	200° to 2400°C
Emissivity	0.95 Fixed	0.1 ...... 1 adjustable	0.1 ...... 1 adjustable	0.1 ...... 1 adjustable
Distance to spot size ratio	12 : 1	30 : 1	50 : 1	100 : 1
Spectral range	8 ...... 14 µm	8 ...... 14 µm	8 ...... 14 µm	1.1 ...... 3.7 µm
Accuracy & repeatability	± 2% of reading or 2°C, Whichever is greater	± 2% of reading or 2°C, Whichever is greater	± 2% of reading or 2°C, Whichever is greater	± 2% of reading or 2°C, Whichever is greater
Response time	1 Sec	1 Sec	1 Sec	1 Sec
Sighting	Single laser pointer	Single laser pointer	Dual laser pointer	Dual laser pointer
Operating temp. range	0 ...... 50°C	0 ...... 50°C	0 ...... 50°C	0 ...... 50°C
Power	battery - AAA x 2	battery - AAA x 2	battery - AAA x 2	battery - AAA x 2
Protection class	IP20	IP20	IP20	IP20
Storage temperature	-30 ...... 70°C	-30 ...... 70°C	-30 ...... 70°C	-30 ...... 70°C
Dimension & weight	175.2 x 39.0 x 71.9mm, 179 grams	119.2 x 47.5 x 171.8mm, 255.7 grams	47 x 197 x 203.3mm, 386 grams	233.8 x 207.5 x 60.6mm, 550 grams
Other features	N/A	Back light , buzzer	Back light , buzzer, Flash LED, Thermocouple Input Socket Memory - Detailed 24 Memories with Temperature & emissivity	Back light , buzzer, Flash LED, Thermocouple Input Socket Memory - Detailed 24 Memories with Temperature & emissivity