

## TN425LE Heavy-duty IR Dual-laser Thermometer Product Details

Heavy-duty IR dual-laser thermometer with advanced temperature processing and high-resolution optics.

- Temperature Measurement Range -76°F to 1832°F (-60°C to 1000°C)
- Infrared Accuracy  $\pm 2\%$  of reading or  $\pm 2^\circ\text{C}$
- 0.1° resolution for accurate readings
- Selectable temperature units F/C
- 50:1 Distance-to-Spot ratio
- Emissivity (preset to 0.95) adjustable from 0.10 to 0.95 in 0.01 steps
- Measure modes (selectable) include Maximum, Minimum, Difference (Max-Min) and “Lock” for continuous temperature scanning
- Programmable High and Low temperature Alarms
- Bright large back-lit LCD display
- Magnetic base
- 2 AAA batteries (included) provide nominal 180 hours continuous operation; low battery indication
- NIST traceable factory calibration

### TN425LE Heavy-duty IR Dual-laser Thermometer Product Specifications:

Description	Heavy duty IR dual-laser thermometer offers a wide IR temperature measurement range and high-resolution optics
Measurement Range	-76°F to 1832°F (-60°C to 1000°C)
Ambient Operating Range	32 to 122°F (0 to 50°C)
Accuracy	Tobj=15~35Å°C, Tamb=25Å°C
Accuracy	+/-2%, +/-2°C whichever is greater
Resolution at -9.9~199.9Å°C	0.1°F / 0.1°C
Response Time (90%)	1 second
D:S	50:1
Emissivity	0.95 (adjustable from 0.01 to 1.00 in 0.01 steps)
Update Frequency	1.4Hz
Dimensions	1.85 x 7.71 x 7.90 inches
Wave Length Response	8-14um
Weight (with battery)	0.85
Modes	MAX, MIN, AVE, DIFF, Hi/Low Alarm, Min, Lock (allows for continuous temperature scan)
Comments	Includes magnetic base
Batteries Battery Life	2 AAA batteries 180hr (typical)