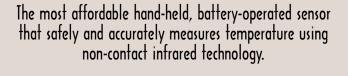




FREE Belt Loop Carrying Case



FEATURES



Tel-Fast

TEL-TRU MANUFACTURING CO.

P.O. Box 144, Rochester, NY 14601 USA Phone: 716-232-1440 • 800-232-5335 Fax: 716-232-3857 • E-mail: info@teltru.com Internet: http://www.teltru.com

Non-Contact

- Temperature
- Selectable °F to °C

KEY

- 0 to 600°F (-18 to 315°C)
- -67 TO 280°F
 (-55 TO 138°C)
- Pocket-Size Portability
- One-Second Response
- Continuous Reading
- Six-Second Temperature Hold
- Laser-Sighting Available
- Battery Included

TEL•FAST OFFERS YOU MORE THAN YOU EXPECT

HOW TEL•FAST WORKS

All objects emit measurable infrared energy. The Tel-Fast uses special optics to gather infrared energy from a target surface and focuses this energy onto a custom detector. At that point, the detector will convert the infrared energy into an electrical signal proportionate to the temperature of the target surface. The final outcome is a digital temperature measurement in degrees Fahrenheit or Centigrade.

Laser

Sighting

Available

A TEL•FAST DEMONSTRATION

It's easy to operate Tel·Fast. Simply point at the desired target

and press the "on" button for a temperature reading-no contact is ever needed. The Tel-Fast has a first temperature response time of 1 second and a continuous reading feature for thermal scanning.

TARGETING WITH TEL•FAST

Direct the Tel·Fast toward the target area. The total infrared energy emitted into the sensor from the target area will be averaged within the field of view. The sensor's field of view is denoted by a distance-to-target ratio (D/T). The Tel·Fast has a D/T ratio of 3:1 and measures the emitted energy of a target one-third the size of the working distance (for example, at 3 inches away, your target size is 1 inch, etc.)

MODEL

TEMPERATURE RANGE

 QT1 without laser
 0 to 600°F (-18 to 315°C)

 QTL1 with laser
 0 to 600°F (-18 to 315°C)

 QT3 without laser
 -67 to 280°F(-55 to 138°C)

 QTL3 with laser
 -67 to 280°F(-55 to 138°C)

Tel-Fast SPECIFICATIONS

Resolution: 1°F (1°C)

Accuracy: \pm 2% of reading or 3°F/2°C

(whichever is greater)

Response Time: 1 second

Target Size/Field of View: 3:1 optics ratio with a 1"

minimum target

Repeatability: \pm 0.5% of reading, plus

one digit

Power Source: 9-volt alkaline battery

Wavelength: 8 to 14 micron
Dimensions: 7.26" x 1.7" x .75"

Weight: 2.7 oz. (without battery)

Emissivity Fixed at .95 Laser Class II

TEL•FAST CAN BE USED JUST ABOUT ANYWHERE YOU NEED TO TAKE ACCURATE TEMPERATURE READINGS

Automotive

- Catalytic Converters
- Exhaust Systems
- Tire Surface Temperature
- Track Temperature (Auto Racing)
- Radiators

Education & Science

- Research Laboratories
- Chemical & Petrochemical

Food Preparation

- Rotary Cooker Temperatures
- Continuous Infrared Ovens
- Mixers
- Continuous Baking Ovens
- Microwaved Foods

Electronics

- Wave Soldering
- Circuit Board Testing
- Thermal Profiling

Food Service-Restaurants, Fast Food Chains

- Grill Surface Temperature
- · Meats, Soups, Coffee
- Confectionery

Home Uses

- Child Safety (Baby bath, bottle heating, etc.)
- Hot Tubs/Pools
- Microwaved Foods

Plant Maintenance

- Boiler Hot Spots
- Energy Auditing
- Electrical Buss Bars
- Motor Performance, Hot Bearings
- Roller Temperature

Plastics

- Vacuum Forming
- Extrusion
- Injection Molding

Roads & Construction

- Road Stone Dryer (Temperature at exit chute)
- Paving Mix
- Road Installation (Spreading, leveling & curing asphalt)

Heating & Air Conditioning

- HVAC Systems
- Residential Energy Efficiency
- Stack Temperature

Textiles

- Permanent Press
- Heat Setting
- Dye Setting
- Foam Lamination
- Carpet Backing



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