

3M™ IR - 500 Infrared Thermometer

Laser Sighted

With simple one-button operation, this lightweight and durable instrument allows accurate, non-contact surface temperature measurements from -18° to 260°C (0° to 500°F) at a safe distance. Single-point laser sighting accurately 'spots' trouble up to 4 feet away.

FEATURES

- Non-contact temperature measurement
- Laser sighting
- Easy to use - one button operation
- Back-lit LCD display
- Wide -18° to 260°C temperature range
- Celsius to Fahrenheit switchable
- Powered by 9V battery (included)
- Pocket sized



**Increase safety
and reduce costs - measure
it early and often**

APPLICATIONS

Electrical Maintenance:

- Monitor electric motors
- Locate loose wire connections
- Diagnose nuisance tripping of circuit breakers
- Check lighting ballasts and transformers

Mechanical Equipment Maintenance:

- Monitor furnace exteriors
- Test heat exchangers, steam traps, air vents
- Identify refrigeration problems
- Check thermal insulation

Car/Truck/Fleet:

- Locate radiator core blockages
- Identify misfiring spark plugs
- Monitor electrical components
- Diagnose low voltage batteries

Food Safety:

- Audit storage temperature
- Maintain process temperature

Transportation:

- Monitor road surface temperature for icy conditions
- Maintain asphalt temperature during preparation and application

Household:

- Monitor appliances and equipment in the kitchen, garage and workshop

Specifications: *(see manual for complete specifications)*

- Temperature range: -18° to 260°C (0° to 500°F)
- Accuracy: +/-2% of reading
- Response time: 500 msec, 95% response
- Ambient operating range: 0° to 50°C (32° to 120°F)
- Distance to Spot Size: 6:1 (see diagram)
- Power: 9V alkaline or NiCd battery
- Battery life: 12 hours

The 3M IR-500 is best used at a distance of less than 4 feet. After 4 feet, the larger sampling area does not allow for as accurate a reading.

IMPORTANT NOTICE:

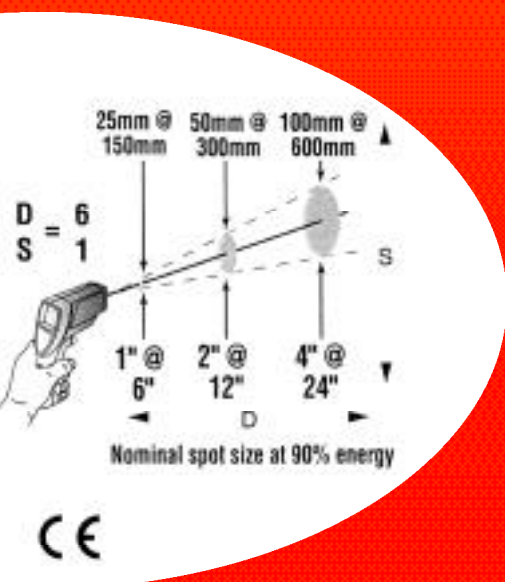
Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

WARNING: Not for taking human temperature. Do not point laser directly at eye or indirectly off reflective surfaces.

Warranty; Limited Remedy; limited Liability

This product will be free from defects in material and manufacture as of the date of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.

Please contact your 3M sales representative for more information on the full line of 3M™ Infrared Thermometers.



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