

OAKTON®

A **BREAKTHROUGH** in
economical and
convenient infrared
temperature measurement!
...the **NEXT GENERATION!**

- **Infrared measurement provides safe, non-contact readings**
 - measure moving targets or targets too hot to touch
- **Extremely fast results - only 500 msec for 95% response**
 - view correct readings almost instantly
- **Simple one-button operation**
 - just point and press!
- **Hold function**
 - freezes display for 7 seconds after button release: great for hard to reach areas
- **Wide 0 to 500°F range**
- **±2% accuracy or ±2°C (±3°F) over most of the range**
- **Selectable °F/°C display**
- **Ergonomic, compact design**
 - for easy one-handed operation
- **Model with laser sighting available**
 - pinpoint your exact target area

The economical **TempTestr IR** provides a **new price breakthrough in non-contact temperature measurement!** This practical instrument uses infrared technology to take temperature readings, so you can take measurements from a safe distance. The TempTestr IR has hundreds of uses: quickly troubleshoot electrical equipment before problem areas create hazards, measure objects too hot to touch, check substances that need to remain contaminant free, test moving objects ... the possibilities are endless!

Taking temperature measurements has never been easier - just push one button and point the thermometer at your target! Its fast 500 msec response time makes viewing correct readings practically instantaneous. And, the display holds for 7 seconds after you release the button, which gives you time to record the reading.

Choose from the standard model, or the laser sighting model. The laser sighting model emits a visible red laser spot that pinpoints your exact target area. And there's more...

TempTestr IR
TempTestr® IR



Model with laser sighting available – pinpoint your exact target!



Large display holds reading for 7 seconds after you release button, which gives you time to record the reading.



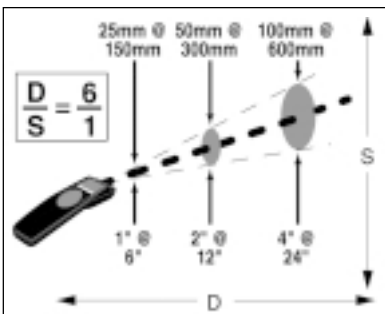
Lanyard loop on top of TempTestr IR lets you attach a cord to prevent tester loss (cord not included).



Ergonomic design allows comfortable one-handed operation.



Distance to spot size ratio*. The TempTestr IR has a 6:1 distance-to-spot size ratio. For example, it measures a 1" dia target area at a distance of 6 inches.



*The TempTestr IR is best used at a distance of less than 4 feet. After 4 feet the increased sampling area may result in reduced accuracy depending on the application.

• APPLICATIONS •

Industrial/electrical: Monitor steam systems, boiler operations, and motor/engine cooling systems performance; detect hot spots in electrical systems, panels and bearings.

Heating and air conditioning: Monitor furnace and duct leakage; detect insulation breakdown; check ceilings, walls, and floors for proper room temperatures.

Food safety: Monitor food storage equipment; check food temperatures without cross contamination.

Educational: Non-laser models are economical and safe for student use.

Agriculture: monitor plant temperatures for stress, monitor animal bedding to detect spoiling.

• SPECIFICATIONS (each tester includes battery and operating instructions) •

Temperature range: -18 to 260°C (0 to 500°F)

Accuracy:

25 to 260°C (77 to 500°F): ±2% or ±2°C (±3°F), whichever is greater

-1 to 25°C (30 to 77°F): ±3°C (±5°F)

-18 to -1°C (0 to 30°F): ±4°C (±7°F)

Resolution:

0.5°C (Celsius)

1°F (Fahrenheit)

Repeatability: ±2% of reading, or ± 2°C (±3°F)

Response time: 500 mSec, 95% response

Spectral response: 7 to 18 μm

Emissivity: pre-set at 0.95

Distance-to-spot size: 6:1

Power: One 9 V Alkaline or NiCd battery

Battery life (alkaline):

Non-laser model: 80 hours

Laser model: 12 hours

Ambient operating range: 0 to 50°C (32 to 120°F);

10-95% RH noncondensing, at up to 30°C (86°F)

Storage temperature: -20° to 65°C (-4° to 150°F) without battery

Dimensions: 7.25 x 1.75 x 1.5 in (84 x 45 x 38 mm)

Weight: 0.5 lb (227 g)



• ORDERING INFORMATION •

35625-00 Infra-red thermometer

35625-10 Infra-red thermometer with laser sighting. Laser spot pinpoints the exact center of your target area.

• DISTRIBUTED BY •

Note: We reserve the right to make changes, improvements and modifications to products shown.

