

# The Fluke 62 Mini Infrared Thermometer

## Non-contact temperature measurement

### Technical Data

#### Non-contact diagnostic tool

The Fluke 62 Mini infrared thermometer is a non-contact diagnostic tool for quick basic temperature checks in applications where a technician is close to the target object. Simple to use, the Fluke 62 Mini enables technicians to discover temperature discrepancies before they become problems. Professionals can troubleshoot maintenance problems by measuring surface temperatures of motors, electrical equipment, insulated walls and pipes, heating, ventilation and refrigeration systems all from a safe distance.

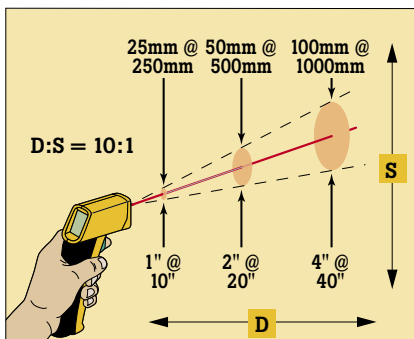
#### Features include:

- Temperature measurement range up to 500 °C (932 °F)
- High-resolution optics
- Accurate to within  $\pm 1\%$  of reading
- MAX temperature display
- Laser sighting
- Backlit display

Compact and convenient, the Fluke 62 Mini thermometer makes troubleshooting quick and easy and is useful anywhere that temperature plays a role in product quality or equipment maintenance. The single dot laser indicates the center of the target; the large temperature display provides current and MAX surface temperatures.

#### Optical resolution

Use the Fluke 62 Mini within six feet of the intended target. At greater distances, the measured area will be larger (approximately the distance divided by 10). The Fluke offset single-point laser indicates the approximate center of the measurement area.



The single dot laser system indicates the approximate center of the measurement area.

## Specifications

Measurement range	-30 °C to 500 °C (-20 °F to 932 °F)
Accuracy	10 °C to 30 °C (50 °F to 86 °F): ± 1 °C (2 °F) Outside 10 °C to 30 °C (50 °F to 86 °F): ± 1.5 °C (3 °F) or ± 1.5% of reading, whichever is greater
Repeatability	±0.5 % of reading or ≤ ±1 °C (±2 °F), whichever is greater
Emissivity	Preset 0.95
Response time	< 500 mSec
Distance to spot size	10:1 calculated @ 80% energy
Spectral range	6.5–18 microns thermopile detector
Display resolution	0.2 °C (0.5 °F)
Display hold (7 seconds)	•
LCD backlit	•
Temperature display	°C or °F selectable
Ambient operating range	0 to 50 °C (32 to 120 °F)
Relative humidity	10–90% RH non-condensing, @ up to 30 °C (86 °F)
Typical distance to target (spot)	Up to 2 m (6 ft)
Laser class II	Single offset laser
Weight/dimensions	200 g (7 oz); 152 x 101 x 38 mm (6 x 4 x 1.5 in)
Power	9 V Alkaline battery (included)
Battery life (alkaline)	12 hours
Storage temperature	-20 °C to 65 °C (-4 °F to 150 °F) without battery
Options/accessories:	Includes protective boot and storage holster
Warranty:	2 years (conditional)



### Ordering information

**Fluke 62 Mini Infrared Thermometer**

**Included:** Storage Pouch

