

INTRODUCTION

The ET-99IR is capable of non-contact (Infrared) temperature measurements at the touch of a button.

The built-in laser pointer increases target accuracy, while the backlit LCD and handy push-buttons combine for convenient, ergonomic operations.

This non-contact Infrared Thermometer can be used to measure the temperature of objects' surface that is difficult to be measured by traditional (contact) thermometers (such as moving objects, objects with surfaces having electric current or objects which are hot or dangerous to be touched).

FEATURES

- Rapid detection function
- Precise non-contact measurements
- Single laser sighting
- Unique flat surface design with modern housing
- 2 mts. drop-tested
- Emissivity digitally adjustable from 0.10 to 1.0
- MAX, MIN, AVG, DIF temperature displays
- Backlit LCD display
- Automatic selection range and Display Resolution 0.1°C (0.1°F)
- High and low alarm setting

Wide Range of Applications

Food preparation, Safety and Fire Inspections, Plastic Moulding, Asphalt, Marine and Screen printing, Measuring Ink and Dryer temperatures, HVAC/R, Diesel and Fleet maintenance, etc.

SPECIFICATIONS

Temperature Range	: -30° to 250°C (-22° to 482°F)
D:S	: 8:1
Accuracy	: Assumes ambient operating temperature of 23° to 25°C (73° to 77°F) ±3.0°C (5.4°F) at -30° to 20°C (-22° to 68°F) ±2.0% or ±2.0°C (3.6°F) at 20° to 250°C (68° to 482°F)
Response Time	: 150ms
Spectral Response	: 8~14µm
Emissivity	: Digitally adjustable from 0.10 to 1.0
Over Range Indication	: LCD will show " OL "
Polarity	: Automatic (No indication for positive polarity); Minus (-) sign for negative polarity
Diode Laser	: Output<1mW, Wavelength 630~670nm, Class 2 laser product
Operating Temperature	: 0° to 50°C (32° to 122°F)
Storage Temperature	: -10° to 60°C (14 to 140°F)
Relative Humidity	: Operating: 10%~90%RH; Storage: <80%RH
Power Supply	: 3x1.5V AAA batteries
Safety	: "CE" Comply with EMC

