

The Tekneka IR70 infrared thermometer is designed to measure non-contact temperatures between -20 ~ 537°C. Its ability to provide precise surface readings at a distance makes it an essential tool for safety and convenience in various applications. To guarantee accurate measurements, it has a 12:1 distance-to-spot ratio and a preset emissivity of 0.95. The IR70 has an LCD screen with backlighting that has a high resolution and a quick response time of 1.5 seconds. The temperature values at the moment of measurement are displayed, together with the MIN, MAX, MIN-MAX (span), and AVG. Users can choose between °C and °F units, and it has an Auto HOLD function after releasing the trigger. With its precision, user-friendliness, and a wide array of customizable options, the IR70 is perfect for both home and commercial applications.

Features

- It is capable of handling temperatures ranging from -20 ~ 537°C
- 4-digit values are shown on an LCD screen with a white backlight to improve visibility
- Its 12:1 distance-to-spot ratio makes precise readings possible
- Suitable for typical temperature readings, and can operate in the 8-14µm range
- Its fixed emissivity of 0.95 ensures accurate readings on a range of materials and surfaces
- It increases the efficiency of temperature monitoring activities by providing quick readings
- Designed to target the exact area being measured using a low-power laser (less than 1mW)
- Equipped with a low-power (less than 1mW) laser to precisely target the measurement area
- Capable of converting temperature units from Celsius to Fahrenheit
- When the trigger button is released, the Auto HOLD feature is activated
- Temperature values in the range of MIN, MAX, MIN-MAX (span), and AVG



Applications

The Tekneka IR70 non-contact infrared thermometer is used for conducting scientific research, monitoring the environment, diagnosing HVAC systems, checking tire and engine temperatures in automobiles, monitoring mechanical and electrical components, and ensuring food safety.

Packing Includes

- 9V Battery
- User Manual
- Carrying Case



Ordering Info

IR70..... Infrared Thermometer

Specifications	Ranges
Measuring Range	-20 ~ 537°C/-4 ~ 999°F
Resolution	0.1
Emissivity	Fixed at 0.95
Optical Resolution (D:S)	12:1
Accuracy	±2.5°C (-20 ~ 50°C), ±1% + 1°C (50 ~ 537°C)
LCD	2 temperature values, 4 digits
Display Size	2"
Response Time	1.5 seconds
Laser Power	Less than 1mW
Value HOLD	Yes
Backlight	White
Unit Switch	°C/°F
Mode	MIN, MAX, MIN-MAX (span), and AVG
Battery	9V
Operating Temperature	0 ~ 40°C
Storage Temperature	-10 ~ 60°C
Dimension	162 x 56 x 190mm
Weight	Net: 219g, Gross: 442g