

## FEATURES

- Precise non-contact measurements
- User selectable °C or °F
- Set Alarm value
- Automatic Data Hold
- Selectable Body and Surface temp
- Memorization of the last 32 measurements

# DT-8806 Infrared Thermometer, Max Temperature 60°C, $\pm 0.3^{\circ}\text{C}$ , Centigrade, Fahrenheit

RS Stock No.: 201-0208



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Introducing the medical infrared (IR) thermometer, designed as a handheld device that can detect the body temperature by using a non-contact method of measurement. This instrument can also measure surface temperature of objects using the Surface Temperature function and the non-invasive and non-contact method of temperature measurement removes the issue of having to rely on using a physical contact on the person or surface to get a reading from it, making it ideal for use in environments like hospitals, other medical and healthcare environments and more. This IR laser temperature detector provides fast sampling with high accuracy, making it an incredibly useful and versatile tool across a range of applications.

## General Specifications

<b>Model Number</b>	DT-8806
<b>Temperature Range</b>	30°C to 60°C
<b>Best Accuracy</b>	±0.3°C / 0.5°F @ 32°C to 35.9°C
	±0.2°C / 0.4°F @ 36°C to 39°C
	±0.3°C / 0.5°F @ 39°C to 42.5°C
<b>Display Type</b>	LCD backlit
<b>Distance to Spot Ratio</b>	08:01
<b>Response Time</b>	1 second
<b>Spectral response</b>	8 to 14 microns
<b>Display resolution</b>	0.1°C (0.1°F)
<b>Hold Temperature Reading</b>	7 Seconds
<b>Temperature Scale</b>	Centigrade / Fahrenheit
<b>Low Battery Indication</b>	Yes
<b>Over range indication</b>	Yes
<b>Auto Power Off</b>	Yes
<b>Applications</b>	HVAC / Medical and healthcare environment / Environmental Testing / Scientific and Educational

## Electrical Specifications

<b>Battery Included</b>	Yes
<b>Battery Type</b>	AA

## Mechanical Specifications

<b>Dimensions</b>	149mm x 77mm x 43mm
<b>Length</b>	149mm
<b>Width</b>	77mm
<b>Height</b>	43mm
<b>Weight</b>	400g

## Environmental Specifications

<b>Operating temperature</b>	10°C to 40°C
<b>Storage temperature</b>	0°C to 50°C
<b>Operating humidity</b>	0% to 85% RH

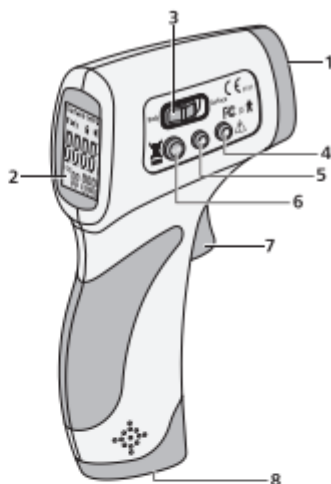
## Approvals

<b>Compliance/Certifications</b>	EN 61340
<b>Declarations</b>	RoHS Certificate of Compliance



## 5. Configuration

- 1-IR Sensor
- 2-LCD Display
- 3-Mode Selection
- 4-Down Button
- 5-Up Button
- 6-Mode Button
- 7-Measurement Trigger
- 8-Battery Cover



## 6. Indicator

- 1-Surface mode Symbol
- 2-Body mode Symbol
- 3-Digital readout
- 4-Battery Symbol
- 5-Stock Place
- 6-Save data readout
- 7-Temperature °C(Celsius)/  
°F(Fahrenheit) Scale
- 8-Buzzer symbol

