



IR Med
Non-Contact
Infrared Thermometer

User Manual

1 Introduction

Welcome to the IR Med non-contact infrared thermometer. This instrument has been designed for quick response, non-contact human temperature measurement.

The infrared sensor is located at the top of the instrument and is used for skin surface temperature measurement.

We have provided a quick reference guide to help you understand different temperature indications:

- >35.7 – 37.4 Acceptable
- >37.4 – 38.5 Elevated
- >38.5 – 42.2 Possible high fever

Important information

It is important to note that in most cases, temperature readings alone cannot constitute a medical diagnosis. The temperature displayed by this instrument serve as an indication only.

If in any doubt **ALWAYS** seek medical attention.

2 Inserting the battery

To open the battery compartment, remove the non-captive screw and lift off the battery cover.

Insert one 9 volt battery PP3 style (MN 1604 or equivalent), with terminals facing down.

The orientation of the battery is not important; the instrument will work with the battery fitted either way.

Refit the battery compartment cover.

3 Care & cleaning

- Prior to first use, please remove the protective film from your IR Med
 - Protect sensor from hard or sharp objects
 - Ensure sensor is free of dust and other foreign substances
 - Keep the IR Med dry and away liquids and direct sunlight
 - The sensor may be cleaned using an alcohol swab or a cotton bud moistened with 70% alcohol to gently wipe the sensor clean
 - Allow the sensor to dry fully for one minute
 - Store at room temperature between -20°C and +50°C, RH <85%
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4 Taking a measurement

Prior to taking a measurement, the IR Med and person must be at the same stable ambient (room) temperature for 15 minutes before operating.

Step 1: Aim the sensor at the person's forehead, keeping a distance of 3cm. ***Do not make contact with the forehead.*** This will affect the readings and may contaminate the instrument.

Step 2: Gently press and release the ON (left) button. Keep aiming at the person's forehead for approximately 2.5 seconds.

Step 3: Take a reading - once the IR Med has taken a reading it will hold that value until another reading is taken or it is turned off.

To take another reading repeat steps 1-3.

To turn the IR Med off, press the OFF (right) button.

The IR Med will turn off automatically after approximately 90 seconds of inactivity.

5 Display notifications



Indicated temperature is greater than 42.5°C



Indicated temperature is lower than 34.0°C



Low battery



Damaged sensor

6 Warning & precautions

- The IR Med is not intended as a substitute for consultation with your doctor
 - Keep out of reach of children under 12 years of age
 - Do not allow children to take their own temperature unaided
 - The IR Med is not waterproof. Do not submerge in water or other liquids
 - Do not use the IR Med if there are signs of damage to the sensor
 - The IR Med is not intended for clinical use
 - Forehead temperature is displayed in oral mode. This mode converts forehead surface temperature to its 'oral equivalent' value
 - Holding the IR Med for too long may cause a higher ambient temperature. This could make the forehead temperature value lower than usual
 - Intended use for the IR Med: the measurement of infrared heat generated by the temple area of the forehead
 - Skin temperature measurement range 25°C-40°C - indicated oral equivalent values 35°C-42.5°C
 - Accuracy +/- 0.3°C in the displayed range
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7 Calibration information

System calibration certification for your thermometers is an important service and is a requirement in many sectors. The frequency for calibration certification is generally dictated by the quality standards or operating procedures you adhere to - or sometimes even by legislation. All our temperature calibration certificates are traceable to UKAS (United Kingdom Accreditation Service).

In order to have your IR Med calibrated, please send your instrument along with your company name, address and information to:

Eurolec Instrumentation
Technology House
Cluan Enda
Dundalk
A91 HY51
Co. Louth
Ireland

You can also email sales@eurolec-Instruments.com or call us on +44 (0) 845 370 4321 for a quote.

We will send you a reminder when your IR Med's calibration is next due.

8 Warranty information

This IR Med has been carefully assembled and tested. It is warranted against faulty workmanship and materials for two years, from the date of purchase.

During the warranty period, any defects to your IR Med will be repaired or replaced at the discretion of the manufacturer.

This warranty does not cover damage or failure, resulting from misuse or accident.

The modification, adjustment or alteration of the internal arrangement of your IR Med shall absolve the manufacturer from any liability in respect of the instrument.

In the unlikely event that your IR Med should develop a fault please return it to:

Eurolec Instrumentation
Technology House
Cluan Enda
Dundalk
A91 HY51
Co. Louth
Ireland

Please include a brief description of the fault.

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For our full range of high quality measurement instruments, please visit our
website:
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