



ICI's HotSpot IR Non-contact Infrared Thermometer ensures accurate and stable body temperature readings. Effective for adults as well as newborn babies and young children with high mobility tendencies. Readings can be taken as close as 5 cm or as far as 15 cm from target zone. Being non-contact makes for a more sanitary environment and reduces the chance to spread infectious diseases. Temperature shows on the LCD screen. Users can set an alarm for readings considered abnormally high. On-board data-logger stores last 32 readings. The HotSpot IR fits in lab coats and bags for portability.

Features

- Precise non-contact temperature measurements
- Select between °C or °F readout
- Select between Body and Surface temperature
- Set alarm value
- Memorization of the last 32 measurements
- Automatic selection range
- Display resolution 0.1 °C
- Back-light LCD display
- Auto power off

Specifications

- **Measuring Distance:** 5 cm to 15 cm (1.97" to 5.91")
- **Temperature Range:**
Body Mode: 32.0 °C to 42.5 °C (89.6 °F to 108.5 °F)
Surface Mode: 0 °C to 60 °C (32 °F to 140 °F)
- **Operation Range:** 10 °C to 40 °C (50 °F to 104 °F)
- **Storage Range:** 0 °C to 50 °C (32 °F to 122 °F)
- **Humidity:** ≤ 85%
- **Accuracy:** 0.3 °C (0.54 °F)
- **IR Precision:** ASTM E1965-1998 (2003)
32 °C to 35.9 °C = ± 0.3 °C (89.6 °F to 96.6 °F = ± 0.54 °F)
36 °C to 39 °C = ± 0.2 °C (89.6 °F to 96.6 °F = ± 0.54 °F)
39 °C to 42.5 °C = ± 0.3 °C (89.6 °F to 96.6 °F = ± 0.54 °F)
- **Dimensions:**
77 mm x 43 mm x 149 mm (L x W x H ± 0.5 mm)
(3.03" x 1.69" x 5.87" (L x W x H ± 0.02"))
- **Power:** DC 3V (2 x "AA" batteries)
- **Weight:** 400 g (14.11 oz)
- **Display Resolution:** ± 0.1 °C (0.18 °F)
- **Response Time:** 0.5 Seconds

Safety Conformance

- ASTM E1965-1998
- EN 980: Graphical symbols for use in the labeling of medical devices
- EN 1041: Information supplied by the manufacturer with medical devices
- EN 60601-1: Medical electrical equipment Part 1: General requirements for safety (IEC: 60601-1:1998)
- EN 60601-1-2: Medical electrical equipment Part 1-2: General requirements for safety Collateral standard Electromagnetic compatibility Requirements and test (IEC 60601-1-2:2001)

THIS DEVICE IS INTENDED FOR ADJUNCTIVE USE WITH OTHER CLINICAL DIAGNOSTIC PROCEDURES TO MEASURE HUMAN BODY TEMPERATURE VIA NON-CONTACT SKIN MEASUREMENTS VISUALIZED FROM THE HUMAN FACE. NOT MEANT FOR STANDALONE CLINICAL DIAGNOSTIC PROCEDURES OR TO TREAT OR DIAGNOSE PATIENTS.

ICI cameras fall under US Federal Law and Export Control.

Specifications subject to change without notice.

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Applications

- Skin temperature measurement
- Hospital healthcare procedures
- Healthcare robotics
- Radiometric imaging
- Scientific research
- Breast imaging
- Airport screening
- Sub-acute healthcare settings

Accessories

- 2 x 1.5V, AA batteries



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