



- Precise non-contact measurement
- Accurate to  $\pm 0.2^{\circ}\text{C}$  at 36 to  $39^{\circ}\text{C}$  when measuring body temperature
- User selectable BODY and SURFACE temperature
- User set alarm value
- Automatic data hold
- Automatic power off
- Automatic selection range
- Display resolution of  $0.1^{\circ}\text{C}$
- Fast response time 0.5 seconds
- Back lit LCD display

### Description

The Testmate C-FIT Non-Contact Forehead IR Thermometer is specially designed to take the body temperature of a person regardless of room temperature.

The C-FIT is accurate to  $0.3^{\circ}\text{C}$  with  $0.1^{\circ}\text{C}$  resolution when measuring skin temperatures between  $32.0^{\circ}\text{C}$  to  $42.5^{\circ}\text{C}$ . It is also very easy to use with no training required.

The device can be used to measure the body surface and forehead temperature of infants and adults without contact with the human body.

It has a fast response time of 0.5 seconds, plus users can set their own alarm value which will alert them both visually and audibly when exceeded.

Users can easily recall the last 32 measurements for reference and recording purposes. The unit also has an auto off feature to conserve battery power.

### How to take forehead temperature

Aim the C-FIT towards the forehead from a distance of 5 cm. Press the trigger and the temperature will be displayed on the LCD screen. Make sure the forehead is free from hair, perspiration or any cosmetic covering.

### Specification

#### Measuring Range

In body mode:	32.0 to $42.5^{\circ}\text{C}$ (90 to $108^{\circ}\text{F}$ )
In surface mode:	0 to $60^{\circ}\text{C}$ (32 to $140^{\circ}\text{F}$ )
Accuracy:	$\pm 0.3^{\circ}\text{C}$ ( $0.5^{\circ}\text{F}$ )
Measuring distance:	5cm to 15cm (2in to 5.9in)
Automatic stop:	7 seconds

#### Normal conditions of use

Display resolution:	$0.1^{\circ}\text{C}$ ( $0.1^{\circ}\text{F}$ )
Operating temperature:	10 to $40^{\circ}\text{C}$ (50 to $104^{\circ}\text{F}$ )
Storage temperature:	0 to $50^{\circ}\text{C}$ (32 to $122^{\circ}\text{F}$ )
Humidity rate:	$\leq 85\%$
Power:	DC 3V (2 x AA batteries)
Size (mm):	149 x 77 x 43
Weight:	172g

#### Non-contact Body Infra-Red Thermometer Precision

(According to ASTM Standard E1965-1998 (2003))

Temperature range	Accuracy
32 to $35.9^{\circ}$ / 89.6 to $96.6^{\circ}\text{F}$	$\pm 0.3^{\circ}\text{C}$ / $0.5^{\circ}\text{F}$
36 to $39^{\circ}\text{C}$ / 96.8 to $102.2^{\circ}\text{F}$	$\pm 0.2^{\circ}\text{C}$ / $0.4^{\circ}\text{F}$
39 to $42.5^{\circ}\text{C}$ / 102.2 to $108.5^{\circ}\text{F}$	$\pm 0.3^{\circ}\text{C}$ / $0.5^{\circ}\text{F}$