

AmericanScreening™

**NON CONTACT INFRARED
THERMOMETER
MODEL NO.:FT-F41**



User Manual

Table of Contents

1. Product Listing
2. Product Overview
3. Outline Drawing
4. The Definition of Symbols
5. Measuring
6. Battery Voltage Display & Replacement
7. Operation Precautions
8. Precaution for Measuring Temperature
9. Product Specification

1. Product Listing

The box is including :
 Non Contact Infrared Thermometer 1 PC
 User Manual 1 PC

2. Product Overview

This Non Contact Infrared Thermometer measures temperature directly from the forehead without contact which can obtain more quick and accurate human body temperature.

3. Features

1. Precise non-contact measurements
2. Built-in laser pointer.
3. °C or °F convertible
4. Alarm function once temperature is too high. The default threshold alarm value is 37.8°C (100.04°F) for this device.
5. Automatically save data & automatically power off in 10 seconds if no operation .
6. Automatically selection of measuring range. Display resolution is 0.1°C (0.1°F) .
7. 32 memories recall.

3. Outline Drawing



4. The Definition of Symbols

- Measured result
- Forehead Measuring mode
- Ambient measuring mode
- Celsius Scale
- Fahrenheit Scale
- Low Battery
- Last memory
- Alarm beep signal

5. TAKING A MEASUREMENT

- Install battery
- For the first use or when inserting new batteries, wait 10 minutes for the warming-up of the apparatus.
- If the device is not used for long time and once you turn it on again the device will check the room temperature first and delay tuning on for 1~2 seconds.
- Aim towards the forehead as the picture shows, from a distance of 5~10cm, press the scan button and measured data will be immediately displayed on the LCD. Make sure there is no air perspiration, cosmetic or cap covered on forehead. When there is sweat on forehead you can measure behind the ear lobe making sure no hair , sweater or other things covered on ear.



- Memory recall: Press "M" button to consult measured result.
- Battery replacement: When LCD shows low battery symbol it means you must install new batteries. Remove the battery compartment cover and put 2AA(1.5 volt) batteries (alkaline batteries) paying attention to the polarity






6. PRECAUTION BEFORE USE

- In order to obtain reliable and stable results, when changing the environment to a room with a significant temperature difference, it is recommended to leave the Non-contact infrared thermometer to this ambient temperature for 15~20 minutes before using.
- Depending various skin types, thickness and body position there may be different measured result. This is normal.
 - Do not expose the thermometer directly to sunlight or put into water.
 - Allow 1 minute interval between two measurements.

275x140cm

8. Precaution for Measuring Temperature

Description	Meaning
	Measured result is over 43.0°C (Body measuring mode)
	Measured result is below 34.0°C (Body measuring mode)
	The ambient temperature is beyond the range for proper working temperature of 5.0°C – 40.0°C

9. Product Specification

Model No.	FT-F41
Measuring Range	Body 34.0°C-43.0°C (93.2°F-109.4°F)
	Surface 0°C-100.0°C (32.0°F-212.0°F)
Accuracy	± 0.3°C/0.5°C 34.0°C-34.9°C (93.2°F-94.82°F)
	± 0.2°C/0.4°C 35.0°C-42.0°C (95.0°F-107.6°F)
	± 0.3°C/0.5°C 42.1°C-43.0°C (107.78°F-109.4°F)
Resolution	0.1°C/0.2°F
Operation Condition	10.0°C-40.0°C(50.0°F-104.0°F) Rh ≤ 80%
Storage Condition	-25.0°C-55.0°C (-13.0°F-131.0°F) Rh ≤ 95%
Battery	AA 2pcs
Size(body)	L145*W37*H98mm
Weight	180g (including battery)
Measuring Distance	5-15CM

Range of body Temperature

Body temperature means internal temperature of body. Normal temperature means that of healthy person and has little change within short range. Temperature of a person measured at evening is normally 0.5°C higher than early morning and also affected by environment, time and activeness. Below chart shows average of normal changes. Refer to it to find out the personal normal temperature range.

Normal temperature range by each part of body

Underarm	34.7-37.3°C (94.5-99.1°F)
Oral	35.5-37.5°C (95.9-99.5°F)
Rectal	36.6-38.0°C (97.9-100.4°F)
Ear	35.8-38.0°C (96.4-100.4°F)
Forehead	35.8-37.8°C (96.4-100.0°F)

Normal temperature by age


0-2age	36.4-38.0°C (97.5-100.4°F)
3-10age	36.1-37.8°C (97.0-100.0°F)
11-65age	35.9-37.6°C (96.6-99.7°F)
Above 65age	35.8-37.5°C (96.4-99.5°F)


Limited warranty

This Infrared thermometer is guaranteed for 2 years from the purchasing date under normal use. The warranty does not cover the damage of improper use or the battery running out. If the unit does not function properly due to defective parts or assembly, we will repair it free of charge or replace with a new one.

FCC ID: 2ADNQTFF41BT This device complies with Part 15 of the FCC Rules. Operation is subject to the Following two conditions:
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Explanation of Symbols:


 Symbol for batch code

 Symbol for "ENVIRONMENT PROTECTION-Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice"

 Symbol for "TYPE BF APPLIED PART"

 Symbol for "Follow operating instructions"

IP22 Symbol for "the IP classification"

 Symbol for "RF transmitters"

Distributed by:
American Screening LLC
9742 St Vincent Ave Ste 100
Shreveport, LA 71106
TEL.:(318)798-3306

Manual Version:V2.1
Issue date: 2020-03-23