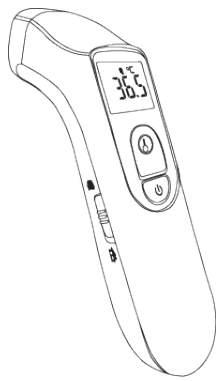




## A200 Infrared Thermometer User Manual



PLEASE NOTE:  
THIS MEDICAL INSTRUMENT MUST BE USED ACCORDING TO INSTRUCTIONS TO ENSURE ACCURATE READINGS.

File No.: A200-OPF V.1.2 2020/02

### Turn ON/OFF the Led Light

This meter provides Led Light to help users placing the thermometer at the correct position.

Be sure the thermometer is OFF before selecting the temperature unit.

1. Long-press the Measurement Button for seconds until Signal – “C” or “F” displayed on the LCD panel.

2. Release the measurement button, then short-press the ON/OFF Button, the Signal – LED or OFF will displayed on the LCD panel as figure shown.

3. Quick press the measurement button, and select LED or OFF to turn ON/OFF the Led Light.

### Replacing the Battery

The thermometer comes with two 1.5 V AAA alkaline batteries. The meter will display “ ” to alert you when the meter power is getting low, please follow the steps below to replace new batteries immediately.

1. Remove the battery cover as the arrow direction accordingly.

2. Remove the old batteries and replace with two 1.5 V AAA size alkaline batteries. Taking care to match the Positive (+) and Negative (-) indications

### System Owner

Thank you for purchasing the A200 Infrared Thermometer. Please read this instruction manual first, so you can use this thermometer safely and correctly. Please keep this instruction manual for future reference. This innovative medical device uses advanced infrared (IR) technology to measure temperature instantly and accurately on the forehead or object.

### IMPORTANT SAFETY

#### INSTRUCTIONS READ BEFORE USE

The following basic safety precautions should always be taken.

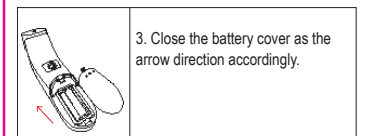
- Close supervision is necessary when the thermometer is used by, on, or near children, handicapped persons or invalids.
- Use the thermometer only for the intended use described in this manual.
- Do not use the thermometer if it is not working properly, or if it has suffered any damage.

KEEP THESE INSTRUCTIONS AT A SAFE PLACE

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**NOTE:**  
1. Although the thermometer works when “ ” appearing, we still recommend that you change the batteries to obtain an accurate result.  
2. Remove the batteries if stored for a long period of time.  
3. The batteries should be kept away out of children’s reach.  
If they are swallowed, promptly see a doctor for help.

### DETAILED INFORMATION

#### About Normal Body Temperature & Fever

The temperature in the forehead and temple area differs from the internal temperature, which is taken orally or rectally. Vasodilation, an effect which constricts the blood vessels and cools the skin, can occur during the early stages of a fever. In this case, the temperature measured by the A200 Infrared thermometer may be unusually low. If the measurement therefore does not match the patient’s own perception or is unusually low, repeat the measurement every 15 minutes. As a reference, you can also measure the internal body temperature using a conventional oral or rectal thermometer. Body temperature can vary from one individual/person to next. It also varies by location on the body and time of day. Below shows the statistical normal ranges from different sites. Please keep in mind that temperatures measured from different sites, even at the same time, should not be directly compared. Fever indicates that the body temperature is higher than normal. This symptom may be caused by infection, overexerting or immunization. Some people may not experience fever even when they are ill. These include, but are not limited to, infants younger than 3 months old, persons with compromised immune systems, persons taking antibiotics,

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As a Body Measurement Thermometer 08

As an Object Measurement Thermometer 08

MEMORY 11

Recalling the Memory 11

Clear the Memory 11

MAINTENANCE 12

Care & Cleaning 12

FAULT INDICATION 12

SYMBOL INFORMATION 13

SPECIFICATIONS 14

DISPOSAL OF DEVICE 15

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• Manufacturer will provide circuit diagrams, component part lists, descriptions, calibration instructions to assist to SERVICE PERSONNEL in parts repair.

• Do not clean or maintenance the device is in use.

• Avoid direct sunlight.

• Avoid dropping the thermometer, if it happens and you think the thermometer may be damaged, please contact customer services immediately.

• Do not touch the lens.

• Do not disassemble the thermometer.

• Basic safety precautions should always be observed, especially when the thermometer is used on or near children and disabled persons.

• This thermometer is not intended to substitute for a consultation with your physician.

• This thermometer and the subject must remain in a stable environment for at least 30 minutes before measuring the temperature.

• When the measured temperature falls within the fever temperature range of 37.8°C (100.04°F) and 42.9°C (109.22°F), as indicated by the red LED on display, please consult with your physician immediately.

• Always operate the thermometer in an operating temperature range 10°C to 40°C (50°F to 104°F), and relative humidity 15 to 95%.

• Always store the thermometer in a cool and dry place -25°C to 55°C (-13°F to 131°F) and relative humidity 15% to 95%.

• The device requires no calibration.

• The device contains no user serviceable parts.

• The user must check that the equipment functions safely and see that it is in proper working condition before being used

• The manufacturer does not require such preventive inspections by other persons.

• No modification of this equipment is allowed.

• The device is not suitable for use in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide.

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presence or absence of fever.

### How does it work

The thermometer measures the infrared heat generated by the surface of the skin over the vessel and its surrounding tissue. The thermometer then converts it into a temperature value.

### NOTE: The thermometer does not emit any infrared energy.

#### Highlighted Features

• Measurement that does not require probe cover, thereby saving cost of replacement.

• Automatically power off if left idle for 30 seconds.

• Memory function allows you to recall previous results up to 25 previous results.

• Easy to read LCD with green backlight in a dark environment.

• Color visible of fever (red) and measurement in progress (green).

• The device requires no calibration.

• The device contains no user serviceable parts.

• The user must check that the equipment functions safely and see that it is in proper working condition before being used

• The manufacturer does not require such preventive inspections by other persons.

• No modification of this equipment is allowed.

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