

Value⁺



HT11 Series Manual

The Value+ Model HT11A, HT11D, HT11E and HT11F Forehead Infrared Thermometers ("the thermometers") are for non-contact human temperature measurement. These thermometers intended for the intermittent measurement and monitoring of human body temperature by gently moving the sensor across the forehead.

These thermometers are not a substitute for a clinical thermometer. Always use a clinical thermometer when high accuracy body temperature measurements are required.

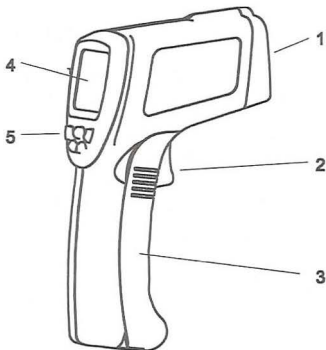
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CAUTION

- To prevent transmission of disease, avoid direct contact with the skin;
- After heavy exercise always wait at least 10 minutes before taking forehead temperature readings;
- Make sure the skin is dry and that no hair interferes with the measurement;
- Temperature elevation may signal a serious illness, especially in neonates and infants, or in adults who are old, frail, or have a weakened immune system. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature on:
 - Neonates and infants under 3 months;
 - Patients over 60 years of age;
 - Patients having diabetes mellitus or a weakened immune system;
 - Patients who are bedridden;
 - A transplant patient.
- Please consult your doctor if you see symptoms such as unexplained


THE THERMOMETER



- 1) IR Sensor
- 2) Trigger
- 3) Battery Door
- 4) LCD
- 5) Push Buttons

OPERATING THE THERMOMETER

A. BODY TEMPERATURE MEASUREMENT

- 1) Set the Thermometer at body temperature measuring mode by press .
- 2) Hold the Thermometer by its handle and point it toward the forehead to be measured. Measuring distance should be 5 to 15cm.
- 3) Press the trigger to turn the meter on and take a temperature reading. The temperature reading appears in the large display. "IN" will be displayed at the left bottom and the adjusted value is displayed at the bottom right.


- 4) Release the Trigger and the reading will hold for approximately 7 seconds after which the meter will automatically shut off. Trigger presses can occur up to a rate of one a second to quickly log samples.

Fever Guidance (HT11E and HT11F)


HT11E and HT11F have fever guidance to help user identifying fever person in a effective way. Following table list out the indications.

Situation	Reading	Indication	
		HT11E	HT11F
Not Fever	$\leq 37.4^{\circ}\text{C}$ / $\leq 99.3^{\circ}\text{F}$	2 Beep Sound	2 Beep Sound & Green Backlight
Moderate Fever	$37.4^{\circ}\text{C} - 38.5^{\circ}\text{C}$ / $99.3^{\circ}\text{F} - 101.3^{\circ}\text{F}$	Beeps Continuously	Beeps Continuously & Yellow Backlight
High Fever	$> 38.5^{\circ}\text{C}$ / $> 101.3^{\circ}\text{F}$		Beeps Continuously & Red Backlight

B. SURFACE TEMPERATURE MEASUREMENT




- 1) Set the Thermometer at surface temperature measuring mode by press .
- 2) Hold the meter by its handle and point it toward the surface to be measured.
- 3) Press the trigger to turn the meter on and take a temperature reading. "OUT" will be displayed at the left bottom and the adjusted value is displayed at the bottom right.
- 4) Release the Trigger and the reading will hold for approximately 7 seconds after which the meter will automatically shut off. Trigger presses can occur up to a rate of one a second to quickly log samples.

C. °C/°F SELECTION

Hold down the  for few seconds and the Thermometer will switch between °C and °F.

D. TEMPERATURE ADJUST

In case of need, the Thermometer allow user to adjust the temperature.

- 1) Press  to select the function.
- 2) Measure the temperature as the procedures listed above.
- 3) Press  or  until the reading display at the large display is same as the know temperature.

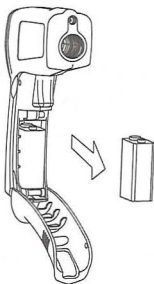
SPECIFICATIONS

	HT11A	HT11D	HT11E	HT11F
Body Temperature Range	32°C - 42.5°C	32°C - 42.5°C	32°C - 42.5°C	32°C - 42.5°C
	-89.6°F - 108.5°F	-89.6°F - 108.5°F	-89.6°F - 108.5°F	-89.6°F - 108.5°F
Surface Temperature Range	0°C - 60°C	0°C - 60°C	0°C - 60°C	0°C - 60°C
	-32°F - 140°F	-32°F - 140°F	-32°F - 140°F	-32°F - 140°F
Best Accuracy	±0.4°C or ±0.7°F	±0.2°C or ±0.4°F	±0.2°C or ±0.4°F	±0.2°C or ±0.4°F
Display Resolution	0.1			
Distance	5 - 15cm			
Response Time (95% reading)	500ms			
Display Hold	7 seconds			
°C / °F Selection	✓	✓	✓	
Temperature Data Hold	✓	✓	✓	
Audible Indication			✓	
Display Backlight		✓	✓	
Sleep Mode		✓	✓	
Power By	9V (6F22) x 1			

MAINTENANCE

CHANGING BATTERY

The figure shows how to open the battery door.



Battery: 9V (NEDA 1604, 6F22 or 006P)

CLEANING

⚠ CAUTION

To avoid damaging the thermometers, do NOT submerge them in water. Do not use abrasive cleaners, they will damage the case.

The Lens

Blow off loose particles using clean compressed air. Carefully wipe the surface with a water-moistened cotton swab.

The Housing

Use soap and water on a damp sponge or soft cloth.

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