

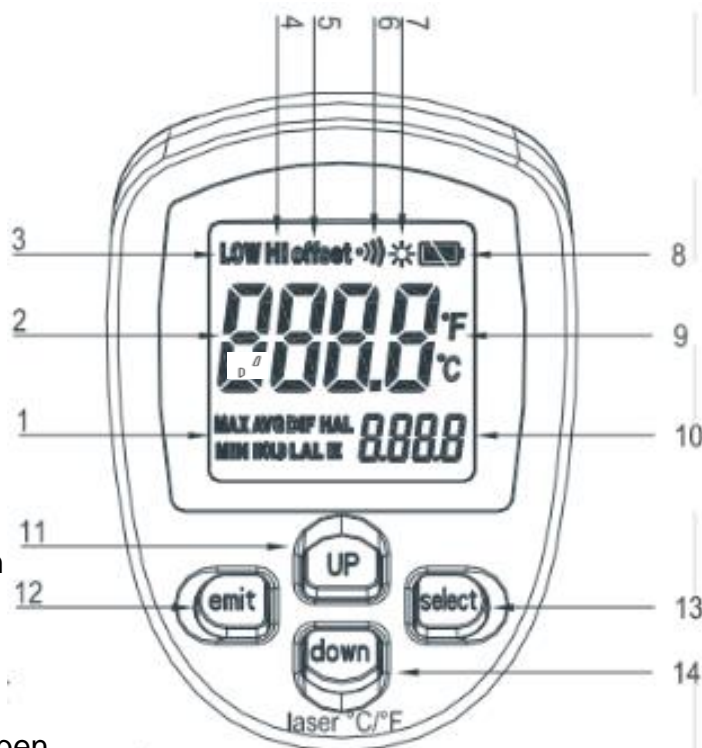
# FOREHEAD INFRARED THERMOMETER

Model : VICTOR-303R

**VICTOR-303R** is a professional hand-held body non-contact infrared thermometer, and is featured by convenient use, strict design, high measurement accuracy

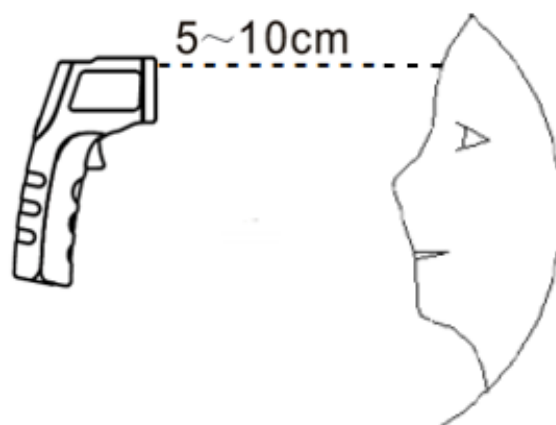
## I. Buttons and LCD display

1. MAX (maximum) ,AVG (average) ,MIN (minimum), HOLD (data hold) , DIF (Relative value) LAL( low temperature alarm ) ,HAL ( high temperature alarm) , E (emissivity)
2. Main data display
3. Low temperature indication
4. High temperature indication
5. 0°C error adjustment
6. Measuring sound indication
7. Laser light indication
8. Low battery indication
9. °C/°F
10. Assistant function data indication
11. UP button: Long press the trigger key and then press up button for 2 seconds to open or close the backlight
12. Emit button: Press it (2 seconds) to select or cancel the emissivity setting, meanwhile the symbol will show on the screen, short press the UP button to adjust up, short press the down button to adjust down
13. Select button: Press it (2 seconds) to repeat showing the function in "1."
14. Down button: Long press the trigger key and then short press down button for 2 seconds to open or close the laser light; it can also convert to Celsius or Fahrenheit at the measurement mode.



## II. Main Technical Indexes

1. Normal work conditions:
  - Ambient temperature: 10°C~40°C
  - Storage temperature: -10°C~40°C
  - Relative humidity: ≤85%
  - Power supply: 9V battery
2. Basic size: 160mm×97mm×43mm (L×W×H)
3. Weight (net weight): 130g
4. LCD resolution (precision): 0.1°C/°F
5. Measuring range: 32°C~42.9°C(89.6°F~109.2°F)
6. Power consumption: ≤50mw
7. Accuracy:
  - 32~35.9°C:±0.3°C(0.6°F)
  - 36~39°C:±0.2°C(0.6°F)
  - 39.1~42.9°C:±0.3°C(0.6°F)
8. Measuring time: 0.5s
9. Measuring distance: 5-10cm
10. Automatic shutdown time: 60s
11. Safety design standard: Meeting European CE safety standard.



### III. Operation method

1. The emissivity of the thermometer is 0.95 by default ,and the Human Skin emissivity is 0.98 can be adjusted
2. In order to measure out exact value, after the battery is installed, put the meter under the temperature for 25-30 minutes, then use it.
3. The head of the device with infrared on the forehead is measured with a distance of 5 to 10 cm from the top of the device to the forehead and pull the trigger, about 3 to 4 seconds when the screen is stable then leave your finger out from trigger, at this time you will hear a beep and at the same time, the measurement results appear on the screen together with the hold function.
4. When the measured temperature is higher than 37.3c, there will be a beep alarm.
5. When the measured temperature exceeds 42.9c, the LCD will display "HI".
6. When the measured temperature is lower than 32c, the LCD will display "LO".
7. The information "HI" or "LO" appears. There are several situations for reference

The reason of showing “HI” or “LO”	Suggestion
Temperature affected by air flow changes	Keep a stable environment temperature
Testing distance is too far	Note the testing distance should be 5-10cm
The environment changed	Wait 25 minutes to let the meter adapt to temperature environment

### IV. Application Method

1. The instrument can only be used in the ambient temperature range of 10°C ~ 40°C.
2. Do not leave the instrument in an electric shock field.
3. Do not expose the instrument to extreme conditions below 0°C or above 50°C.
4. Do not use this instrument when the relative humidity is higher than 85%.
5. Keep the equipment away from water and heat, including direct sunlight.
6. Do not drop or knock the instrument. If it is damaged, do not use it.
7. Keep the measurement distance less than 5-10cm.  
The non-contact infrared thermometer shall be placed in the room or other working environment for 25-30 minutes before use.

### V. Storage and Cleaning

- The method for cleaning the lens of probe: The lens shall be wiped gently with cotton swab or soft fabric soaked with water or alcohol.
- The battery shall not be charged or thrown into fire, but instead, used batteries shall be discarded at specified recycling place; using disqualified battery will possibly induce fire or explosion.
- Caution: The battery shall be taken out if the product is left unused for long term.
- The product shall not be soaked in water or exposed to direct sunshine.
- Do not hurtle down or impact the product heavily, or it will be damaged.
- Failing to use the product according to effective distance or make it aim at the central location measured will possibly induce the deviation in the measured result, and in such case, it's suggested to measure once again or for more times.

### VI. Quality Commitment and After-sales Service

Repair guarantee is provided for the product in one year since the date of purchasing.

Note: The damages arising from abnormal use or users' dismantlement are outside the scope of warranty.

Prompt: Please properly keep your repair warranty card and purchasing credential for the sake of warranty.

### VII. List of Accessories

One copy of manual; 9V battery

601E-303R-000A

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