

WELCARE

FOREHEAD THERMOMETER

2in1 FOREHEAD AND OBJECT
TEMPERATURE DETECTION

1
SECOND
READING



Model: WFT200 (A200)

Instruction Manual & Warranty Information



Read Instructions Carefully Before Use

Thank you for purchasing this Welcare Forehead Thermometer.

Model: WFT200 (A200)



Please keep this instruction manual in a safe place where it is readily available.

Note: *The illustrations in this manual may differ slightly from the product itself.*

Contents

Important Safety Information.....	4
Features	6
Package Contents	6
Before Using the Forehead Thermometer	6
Components	7
LCD Display	7
Display Mode.....	7
Backlit Screen	8
Using the Thermometer	9
Switching between °C and °F	9
Turn ON/OFF the LED Light	9
Change to Forehead or Object Mode	10
About Normal Body Temperature.....	11
Measuring Forehead Temperature.....	12
Fever Alarm	12
Measuring Object Temperature	13
Using the Memory Function	13
Replacing the Battery.....	15
Cleaning and Maintenance	16
Storage	16
Troubleshooting	16
Electromagnetic Compatibility Information	18
Specifications	19
Product Warranty	21
Warranty Form	23
Disposal.....	28

Important Safety Information



Read this section thoroughly before using the product. Please ensure you observe the safety instructions to avoid accidents, injury and damage.

Intended purpose

The Infrared **Welcare Forehead Thermometer** is intended for non-contact measurement of human body temperature only. It is designed for private use.

The use of temperature readings for self-diagnosis is dangerous. Consult with a doctor for the interpretation of results. Self-diagnosis may lead to the worsening of medical conditions.

This product is not intended for use by persons (including children) with limited physical, sensory, or mental abilities or lacking experience and/or knowledge, unless they are supervised by a person responsible for their safety or have received and understand the instructions/safety warnings for use of the product from this person in advance.

Safety Warnings

- Conducting self-diagnosis based on the measurement results and/or treatment can be dangerous. Please follow the instructions of your doctor.
- **A high or prolonged fever requires medical attention, especially for young children. Please contact a doctor.**
- Avoid using the product during or within 30 minutes after strenuous exercise; a shower, bath, or sauna; or using a cold compress.
- **DO NOT** point the LED light or Infrared sensor into eyes.
- If battery leakage occurs and comes into contact with the skin or eyes, immediately rinse with plenty of water and seek medical advice.

Warnings

- If there is any temperature difference between the places where the unit is stored and where you are going to measure, leave the unit in the room where you are going to use it for more than thirty minutes to allow it to reach room temperature first, then take the measurement.

Important Safety Information - continued

- **DO NOT** touch the infrared sensor with a finger or breathe on it.
- The Infrared sensor lens is the most delicate part of the thermometer. Take care when cleaning the lens to avoid damage.
- **DO NOT** attempt to open or disassemble the product.
- **DO NOT** attempt measurements when the thermometer is wet, as inaccurate readings may result.
- **DO NOT** let children play with the product - it is not a toy.
- Keep children away from packaging material.
- In an emergency case, if a child swallows a battery, immediately consult with a doctor.
- **DO NOT** put the thermometer in direct sunlight or expose to extreme temperatures.
- **DO NOT** drop, step, or place heavy objects on the product, as it is a precision instrument.
- **DO NOT** use in MRI, CT, or high-care environments.
- Follow the cleaning instructions carefully.
- The device requires no calibration. The product has been calibrated before the factory inspection.
- 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.
- Only use batteries specified for product. **DO NOT** throw batteries into a fire. The battery may explode.
- Remove battery from the device when not in operation for a long time to prolong the battery life.
- **DO NOT** attempt to open or disassemble the product (other than the battery compartment).
- **DO NOT** use with other electrical or medical equipment simultaneously.
- During a measurement, ensure that no mobile phone or any other electrical devices that emit electromagnetic field is within 30cm of this device. This may result in incorrect operation of the device and/or cause an inaccurate reading.

Features

- Fast & Accurate
- 1 Second Reading - °C/°F
- High Fever Alarm
- 25 Memory
- Non-contact
- Colour Fever Indicator (Green, Yellow or Red)
- Forehead & Object Temperature Detection

Package Contents

- 1 x Thermometer
- 2 x AAA Batteries
- 1 x Instruction Manual & Warranty Information

Before Using the Forehead Thermometer

- Carefully remove all packaging materials and keep the enclosed documents in a safe place.
- Keep the packaging, product, and its components out of reach of children.
- Check the product is intact. **DO NOT** use if broken.

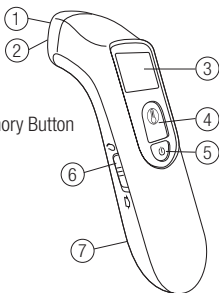
If any abnormalities are detected, please contact our service centre:

In Australia - 1800 807 464

In New Zealand - 0800 523 583

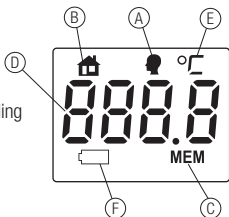
Components

1. Infrared Sensor
2. LED Light
3. Display Screen
4. Measurement/Memory Button
5. ON/OFF Button
6. Mode Switch
7. Battery Cover

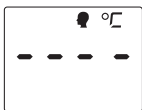


LCD Display

- A. Forehead Mode
- B. Object Mode
- C. Memory
- D. Temperature Reading
- E. Temperature Unit
- F. Battery

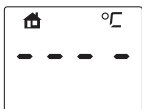


Display Mode



Forehead Mode:

This mode is used to measure the forehead temperature.



Object Mode:

This mode is used to measure the object temperature.

Backlit Screen

If the temperature measured is outside the measuring range the following screens will be displayed.



HI-temperature
>43.0°C (109.4°F)



LO-temperature
<32°C (89.6°F)

Forehead mode

Note: The display will light-up **GREEN** when the unit is ready for measurement.

Once the measurement is taken:



Normal

The display will light-up
GREEN



Elevated

The display will light-up
YELLOW



High

The display will light-up
RED

Object mode

Note: The display screen will light up **GREEN** when the unit is ready for measurement.





Once the **OBJECT** measurement is completed, the unit will illuminate **GREEN**.

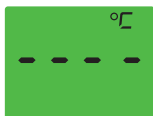
Using the Thermometer

- Insert the 2 x AAA batteries into the unit (*see p15*)

Note: The use of temperature readings for self-diagnosis is dangerous. Consult with a doctor for the interpretation of results. Self-diagnosis may lead to the worsening of medical conditions.



Switching between °C and °F

- Ensure the thermometer is **OFF** before selecting the measuring unit
- Press and Hold the **Measurement**  button for approximately 5 seconds until the **°C** or **°F** is displayed on the LCD screen
- Re-press the **Measurement**  button to alternate and select either **°C** or **°F**



Turn ON/OFF the LED Light

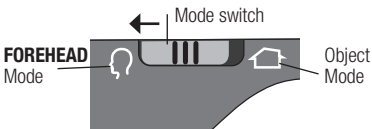
This thermometer includes an LED Light to help users place the thermometer at the correct position.

- Ensure the thermometer is **OFF** before selecting the **LED** light
- Press and Hold the **Measurement**  button for approximately 5 seconds until the **°C** or **°F** displays on the LCD screen
- Press the **ON/OFF** button until the **LED** displays on the **LCD** screen
- Quickly press the **Measurement**  button to select **LED** or **OFF** to turn the **LED** light **ON** or **OFF**

Change to Forehead or Object Mode

Change to Forehead Mode

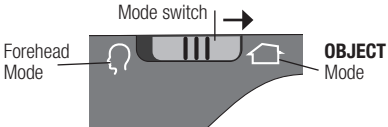
- Slide the **Mode** switch to select **FOREHEAD** mode



- When the thermometer is turned on, the device sounds 1 short beep and the temperature unit flashes indicating the **FOREHEAD** mode is set and the unit is ready to take a measurement. *This Mode is used to measure the forehead temperature.*

Change to Object Mode

- Slide the **Mode** switch to select **OBJECT** mode



- When the thermometer is turned on, the device sounds 2 short beeps and the temperature unit flashes indicating the **OBJECT** mode is set and the unit is ready to take a measurement. *This mode is used to measure the object temperature.*

About Normal Body Temperature

The temperature in the forehead and temple area differs from the internal temperature, which is taken orally or rectally. Vasoconstriction, an effect which constricts the blood vessels and cools the skin, this can occur during the early stages of a fever. In this case, the temperature measured by the **Welcare Forehead 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.

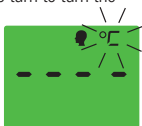
Body temperature can vary from one individual/person to next. It also varies by location on the body and time of day. The next page shows the statistical normal ranges from different sites. Please keep in mind that temperatures measured from different sites, even at the same time, should not be directly compared.



Fever indicates that the body temperature is higher than normal. This symptom may be caused by infection, overdressing 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.

Measuring Forehead Temperature

- Push the **Mode** switch to select **Forehead** mode 
- Press the **ON/OFF**  button to turn the thermometer **ON**

The device will sound 1 short beep and the temperature unit flashes to confirm the unit is ready to take a measurement.



- Move the probe close to the centre of the forehead, within a distance of 1-3 cm.
- Press the **Measurement**  button
- The temperature measurement will display on the LCD screen within 1 second, together with one long beep will sound indicating the temperature has been taken, followed by a short beep confirming the saving of the result to the memory.
- The unit is now ready to take another measurement
- Press the **ON/OFF**  button to turn off the unit or leave it idle for 30 seconds until the unit switches off automatically.

Fever Alarm



Normal Fever

The display will light-up **GREEN** when a measurement is completed with a reading less than $<37.5^{\circ}\text{C}$ (99.5°F).



Elevated Fever

The display will light-up **YELLOW** when a measurement is completed with a reading equal or between $\geq 37.5^{\circ}\text{C}$ (99.5°F) and $<38.0^{\circ}\text{C}$ (100.4°F).



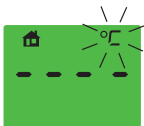
High Fever

The display will light-up **RED** when a measurement is completed with a reading equal to or higher than $\geq 38.0^{\circ}\text{C}$ (100.4°F) and $\leq 43.0^{\circ}\text{C}$ (109.4°F)



Measuring Object Temperature

- Push the Mode switch to select **Object** mode 
- Press the **ON/OFF**  button to turn the thermometer **ON**

The device will sound 2 short beeps and the temperature unit flashes to confirm the unit is ready to take a measurement.




Move the probe close to the centre of the object, within a distance of 3 cm.

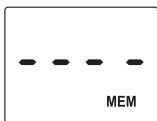
- Press the **Measurement**  button
- The temperature measurement will display on the LCD screen within 1 second, together with one long beep will sound indicating the temperature has been taken, followed by a short beep confirming the saving of the result to the memory.
- The unit is now ready to take another measurement
- Press the **ON/OFF**  button to turn off the unit or leave it idle for 30 seconds until the unit switches off automatically.

Using the Memory Function


Recalling the Memory

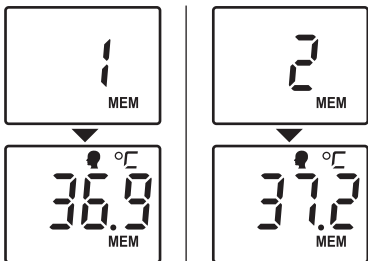
After each measurement, the reading is saved into memory. The Welcare Forehead Thermometer stores 25 most recent readings

1. Ensure the thermometer is **OFF** before selecting recalling the **Memory**
2. Quickly press the **Measurement**  button to enter the memory screen




Using the Memory Function - continued

3. Each time the **Measurement**  button is pressed, a result will be displayed on the LCD screen in the order of dates the measurement was taken (latest result shown first), together with “MEM” and number (from 1 to 25).



The LED screen will:

- Display in **GREEN**, **YELLOW** or **RED** according to the memory reading.
- Display the **OBJECT** or **FOREHEAD** symbol

When the memory is full, the oldest result is deleted as the new one added. When the last record displayed in the display, press **Measurement**  button again to return the first record.

4. Press the **ON/OFF**  button to turn off the unit or leave it idle for 30 seconds until the unit switches off automatically


Clear the Memory

Clear the memory by turning the power off and removing the battery

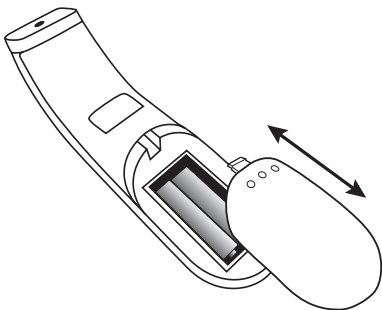
NOTES: Holding the thermometer too long may cause a higher ambient temperature reading of the probe. This could make the forehead temperature measurement lower than usual.

Before the measurement, please stay in a stable environment for 5mins and avoid exercising or bathing for 30mins.

Replacing the Battery

The Thermometer will display  on the LCD screen when the power is running low.

1. Slide the battery cover as the arrow direction shows below
2. Remove the batteries and install 2 new AAA alkaline batteries ensuring the batteries match the Positive (+) and Negative (-) indications.
3. Slide the the battery cover back on until it clips into place.



NOTE: To protect the environment, discard the used batteries in accordance with the local regulations regarding waste disposal procedure. Disposal can be done at your retail store or at appropriate collection sites.

NOTE: Although the thermometer works when  displays, it is still recommended that the batteries be changed to obtain accurate results.

Cleaning and Maintenance

- To safely clean the probe, gently wipe with a clean and dry cotton swab to clean the probe on the inside.
- The body of the thermometer is not water-resistant. Do not submerge in water. Use a soft and dry cloth to clean.
- Use a soft, dry cloth to clean the thermometer display.
- Do not use abrasive cleaners.
- Periodic cleaning and disinfection of the device following use to prevent patient cross infection.

Note: The probe is the most delicate part of the thermometer. Use with care when cleaning the lens to avoid damage.


Storage

- Place the thermometer back into the original packaging after use.
- Store the thermometer in a cool and dry location, free from dust and away from direct sunlight

Troubleshooting

Problem	Possible Cause	Solution
No display On the LCD Screen	The battery has run out. Incorrect battery polarity.	Replace the battery. Please note: Ensure the batteries match the Positive (+) and Negative (-) indications.

Troubleshooting - continued

Problem	Possible Cause	Solution
Measurement cannot be taken (or an abnormal value is displayed).	The thermometer is not ready.	Wait until the °C or °F symbol is displayed.
An abnormal temperature value is displayed.	The probe tip is dirty or damaged.	Clean the probe tip as per instruction. Wait until you hear the beep before removing the thermometer from the forehead.
Lo or Hi symbol is displayed	The temperature measured is outside the measuring Range. LO-temperature <32°C (89.6°F) HI-temperature >43°C (109.4°F)	Check that the probe tip is clean, and that the thermometer is placed correctly on the forehead.
 symbol is displayed	The battery is low.	Replace the battery.
Err symbol is displayed	The ambient temperature is outside the operating temperature range or is changing too fast.	To ensure accurate measurement, let the thermometer rest at operating temperature for 30 minutes prior to use.

If the problem is not solved by the troubleshooting guide or you have any queries, please contact our service centre:

In Australia - 1800 807 464

In New Zealand - 0800 523 583

DO NOT attempt to open or repair the product yourself.

Electromagnetic Compatibility Information

The device satisfies the EMC requirements of the international standard IEC 60601-1-2. The requirements are satisfied under the conditions described in the table below. The device is an electrical medical product and is subject to special precautionary measures with regard to EMC which must be published in the instructions for use. Portable and mobile HF communications equipment can affect the device. Use of the unit in conjunction with non-approved accessories can affect the device negatively and alter the electromagnetic compatibility. The device should not be used directly adjacent to or between other electrical equipment.

Manufacturer's Declaration of the EMC

Guidance and manufacturer's declaration - electromagnetic emission - for all EQUIPMENT AND SYSTEMS

Guidance and manufacturer's declaration - electromagnetic emission.		
The Forehead Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the Forehead Thermometer should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The Forehead Thermometer uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.







ECI - continued

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Class B	The Forehead Thermometer is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable	

Specifications

Model Name	Welcare Forehead Thermometer
Model Code	WFT200
Colour	White & Blue
Measuring Range	Forehead: 32.0°C~43.0°C (89.6°F~109.4°F) Object: 0.0°C to 100°C (32°F to 212°F)
Accuracy	±0.2°C (±0.4°F) from 36.0°C (96.8°F) to 39.0°C (102.2°F) ±0.3°C (±0.5°F) from 32.0°C (89.6°F) to 35.9°C (96.6°F) And from 39.1°C (102.4°F) to 43.0°C (109.4°F)
Measuring Site	Forehead
IP Rating	IP22
Battery	2 x 1.5v AAA Alkaline Batteries
Power Frequency	(50/60 Hz)
Memory	25 Memory

Specifications - continued

Auto Shut Off	30 Seconds after not using
Applied part	Type BF
Dimensions	169 x 44.5 x 54.5 mm
Weight	103g (including battery)
Indicator Light	<p>Green light for temperature lower than $<37.5^{\circ}\text{C}$ (99.5°F)</p> <p>Yellow light for temperature equal or between 37.5°C (99.5°F) to 37.9°C (100.4°F)</p> <p>Red light for temperature higher than $\geq 38.0^{\circ}\text{C}$ (100.4°F) and $\leq 43.0^{\circ}\text{C}$</p>
Mode of operation	Continuous Operation
Display	0.1°C 10.1°F Resolution
Sounds	<p>Power on and ready for use: a short beep.</p> <p>Measurement finished: 1 long beep $<38.0^{\circ}\text{C}$ (100.04°F) 6 short beeps $>38.0^{\circ}\text{C}$ (100.4°F)</p>
Main Materials	PCBA, ABS plastic, Infrared sensor, Materials LED light
Operating Conditions	<p> Temperature: 10°C to 40°C</p> <p> Humidity: 15% – 93% (non-condensing)</p> <p> Atmospheric Pressure: 700hPa-1060hPa</p>
Storage/Transport Conditions	<p> Temperature: -25°C to 55°C</p> <p> Humidity: 15% – 93% (non-condensing)</p> <p> Atmospheric Pressure: 700hPa-1060hPa</p>
Contents	Welcare Forehead Thermometer, 1 x User Manual & Warranty Information, 2 x AAA Batteries



IP22



Product Warranty

PRODUCT WARRANTY

Please register your warranty information at:
AUS - www.jadavey.com.au
NZ – www.jadavey.co.nz

This Welcare Forehead Thermometer product is warranted to be free of manufacturing defects for 1 year from the date of purchase*. This warranty is void if the product is modified or altered, is subject to misuse or abuse, damaged in transit or lack of responsible care, is dropped, if damage occurs by reason of failure to follow the written instruction booklet, or if product repairs are carried out without authority from J A Davey Pty Ltd.

We will repair, or at our option replace free of charge, any parts necessary to correct material or workmanship, or replace the entire product and return to you during the period of the warranty. Otherwise, we will quote for any repair which will be carried out on acceptance of our quotation. The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product, which the consumer has under the trade practices act and other state or territory laws in Australia and New Zealand.

Our goods come with guarantees that cannot be excluded under Australian and New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

*Please note the accessories are not covered under warranty.

BEFORE YOU SEND IN YOUR UNIT FOR SERVICE

Before sending in your product for service, please take a few minutes to do the following:

- In your instruction manual, read the troubleshooting section that describes common errors, their cause and remedies.

Product Warranty - continued

- Product instruction manuals can be downloaded online.
- Contact Welcare customer service. Our staff are trained to assist you with most issues you may have experienced, without the need to send your product in for service.

PLEASE CALL OUR TOLL FREE NUMBER:

IN AUSTRALIA:

Free call: 1800 807 464

IN NEW ZEALAND:

Free call: 0800 523 583

SENDING IN YOUR UNIT FOR SERVICE

1. Should repair be needed within the warranty period, enclose the cut-off section of the warranty form and your proof of purchase receipt. Please ensure all relevant details are completed before sending your unit in for service. Please ensure your contact details are still current and include a brief description of the problem you are experiencing together with your purchase receipt.
2. Include the unit with all product components in your package. This is extremely important, so our repair technicians can make the correct diagnosis with any problems.
3. Please return the product and warranty form at your cost to:

IN AUSTRALIA

J A DAVEY PTY LTD
Welcare Repairs
PO Box 84
Port Melbourne
Victoria, Australia 3207

IN NEW ZEALAND

BV Medical
Welcare Repairs
Unit 7, 110 Mays Road
Onehunga
Auckland, New Zealand 1061

Warranty Form

PLEASE RETAIN THE WARRANTY INFORMATION.
RETURN THIS PORTION ONLY WHEN YOU RETURN YOUR
PRODUCT FOR REPAIR UNDER WARRANTY.

NAME:

ADDRESS:

POSTCODE:

DAYTIME PHONE:

EMAIL:

MODEL:

DATE OF PURCHASE: / /

PLEASE ATTACH PROOF OF PURCHASE

RETAILER'S NAME:

RETAILER'S ADDRESS:

POSTCODE:

BRIEF DESCRIPTION OF PROBLEM YOU
ARE EXPERIENCING:

WARRANTY IS VOID UNLESS THE ABOVE
INFORMATION IS COMPLETED AND CORRECT.



WELCARE

FOREHEAD THERMOMETER

Should you require any further information please do not hesitate to contact us.

Manufacturer:



SHENZHEN AEON TECHNOLOGY CO., LTD.

RM6H02, Block 27-29, Tianxia IC Industrial Park,
Majialong, No.133 of Yiyuan Road, Nantou Street,
Nanshan District, 518052 Shenzhen, PRC.



SHANGHAI INTERNATIONAL HOLDING CORP. GMBH (EUROPE)

Eiffestrasse 80, 20537 Hamburg, Germany.

Manufactured for:

(Australian Sponsor)

J A DAVEY PTY LTD

626 Lorimer Street
Port Melbourne, VIC 3207
Telephone: 1800 807 464
Website www.jadavey.com.au

(New Zealand Sponsor)

J A DAVEY LTD

C/- Healthcare Logistics
58 Richard Pearse Drive
Mangere, Auckland 2022
Telephone: 0800 523 583
Website www.jadavey.co.nz

Disposal



At the end of its life, please treat this product as electronic waste and dispose of responsibly according to current local regulations.

Made in China

V06/22