



### INSTRUCTIONS FOR USE

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USE AND KEEP THEM FOR FUTURE REFERENCE.**

Dear Customer, thank you for choosing our product!  
All Chicco thermometers are high-tech products and are subject to rigorous quality tests in compliance with EU regulations to guarantee quality and accuracy. Do not use this device in decisions of life & death or Safety related applications. In case of doubts or increased body temperature, consult a physician.

#### INTRODUCTION

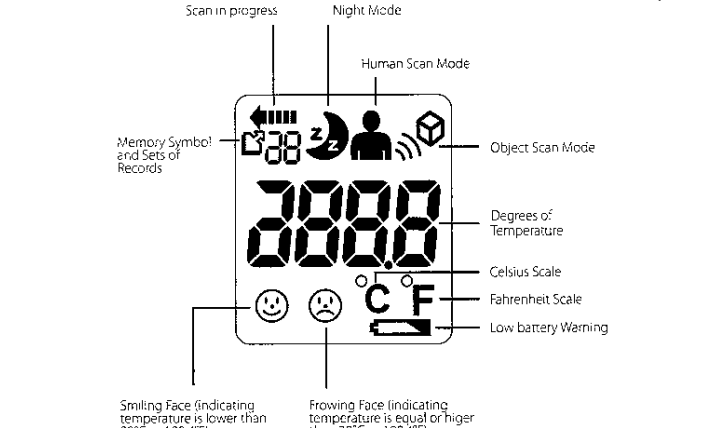
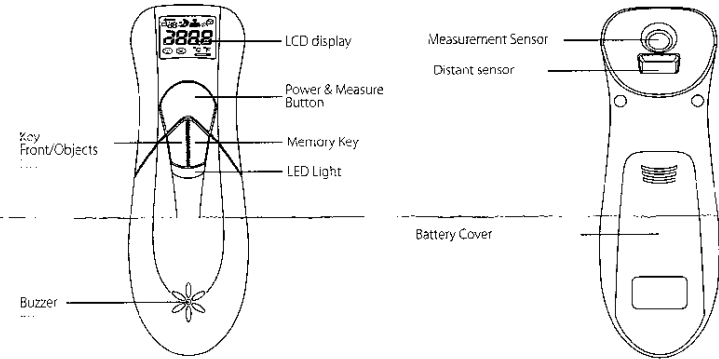
Utilising infrared technology, this thermometer takes temperatures in seconds by measuring heat generated by the surface of the skin on the forehead of other objects. This product conforms to the provisions of the EC directive MDD(93/ 47/ EEC). Its benefits include:

- 6 in 1 functions: Human Body/Object/Night Mode Option/Fever Alarm/ 30 User Memory/ Backlight
- Night Mode Option. Switch to Night mode to reduce the interference of buzzer during your baby sleeping.
- Red LED Light for Fever Alarm. This device has the LED light to remind user their readings are over 38°C and plus the beep sound only in Human Body Mode.
- 30 User Memory
- Illuminated Backlight Display
- °C/°F Switch-able Function
- One-second Reading
- Auto power off for power saving
- Low-battery Indicator. Indications for battery condition and measuring range.
- Large LCD Display
- Ergonomic and practical design. This is a "Non-contact" medical thermometer that enables temperature readings, designed for sanitary conditions, cleanliness, and convenience. Simply move the thermometer close to the subject's forehead or object at the distance indicated by the device.
- Instant Measurement. By using our unique technology, users can get their precise body temperature instantly and accurately.

#### IMPORTANT INFORMATION BEFORE USE

When using this product, please be sure to follow all the notes listed below. Any action against these notices may cause injury or affect the accuracy.

- Do not disassemble, repair, or remodel the thermometer.
- Be sure to clean the thermometer lens each time after usage.
- Avoid touching the measurement sensor with your fingers.
- No modification of this equipment is allowed.
- It is recommended that user may take 3 temperatures. If they are different, use the highest reading.
- Do not expose the thermometer to extreme temperature, very high humidity, or direct sunlight.
- Avoid extreme shock or dropping the device.
- Before the measurement, the patient and thermometer should be at room temperature and in a steady state for at least 30 minutes.
- Avoid measuring temperature in 30 minutes after exercise, bathing, or returning from outdoor.
- To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.
- It is ill-advised to disassemble the thermometer.
- Please use the thermometer solely for its intended purpose.
- Carefully hold the device when in use to avoid dropping the device.
- Wait at least 1 minute between measurements. Repeated measurements may cause incorrect temperature readouts. Use average temperatures instead.
- There are no absolute body temperature standards. Keep reliable records of your personal temperature to serve as a reference for judging a fever.
- Under any circumstances, the temperature taking result is ONLY for reference. Before taking any medical action, please consult your physician.
- It is recommended calibrate the device every 1 year.



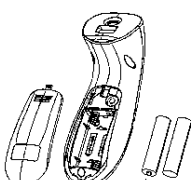
#### BATTERY INSTALLATION

##### Low battery warning:

When the battery power becomes low, the low battery symbol will appear on the display. The thermometer can still be used during this time, but the batteries should be replaced as soon as possible. If the batteries run out completely, "Lo" will be displayed along with the low battery symbol. In this case, the batteries will need to be replaced before using the thermometer again.

##### Replacing the Battery:

- Gently slide the battery cover back.
- Carefully remove the old batteries and properly discard.
- Insert new batteries (Two 1.5V alkaline AAA Size) according to the proper polarity.
- Slide the battery cover back on.

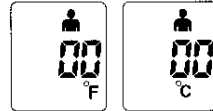


#### NOTE: Battery-operated

- Please properly dispose of the batteries away from small children and heat.
- It is recommended to remove the batteries if the unit will not be used for an extended period of time.
- For long durations of non-operation, please remove all batteries from the device.
- Batteries must be disposed of in accordance with local environmental and institutional policies.
- Dispose of used batteries in accordance with the applicable legal regulations. Never dispose of batteries in the normal household waste.

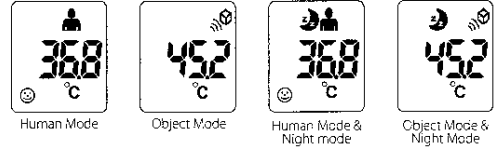
#### SWITCHING BETWEEN FAHRENHEIT OR CELSIUS

Your thermometer can display results in either degrees Celsius (°C) or degrees Fahrenheit (°F). To change from degrees Celsius to Fahrenheit, press the Front/Objects key and the Memory key at the same time with the thermometer on. The selected unit of measurement will be saved for all following measurements. The same procedure can be used to change the unit of measurement from °F to °C.



#### SWITCHING BETWEEN 4 KINDS OF SCAN MODE

- Under power on status, you can press the Human/Object button to switch different scan mode. 4 scan modes are available: Front (body temperature), Objects (temperature of objects), Front/Night (night-time body) and Objects/Night (night-time objects) - in this order.
- The beep sounds will be closed when your choice in Human/Night mode, and Object/Night mode, and the Moon symbol will appear on the LCD in both Night mode.



**NB:** each time you press the key, you will hear a beep signalling that the setting is active (except for night-time modes).

#### TIPS FOR MEASURING HUMAN TEMPERATURE

Bear in mind that the thermometer needs to have been in the room in which the measurement is taken for at least 30 minutes before use.

- Attempting to take temperature readings from sites on the body other than the forehead may produce inaccurate results.
- The patient should remain still while the reading is being taken.
- Infrared forehead temperature readings are equivalent to oral temperature readings. In all of these cases, please consult your doctor.
- Readings taken while asleep should not be compared directly to readings taken while awake, as body temperature while asleep is typically lower.
- Do not take body temperature readings within 30 minutes of being outdoors, exercising or bathing.

#### MEASURING HUMAN TEMPERATURE

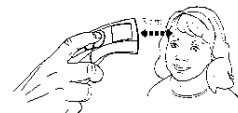
- Press the Measure button to power on the thermometer. The unit will run a self-test and the LCD will briefly display a 1 of its symbols during this time. When the device is ready, '00' will appear on the screen, and the thermometer will beep twice.
- Select the desired mode by pressing and releasing the Human/Object button.

##### NOTE:

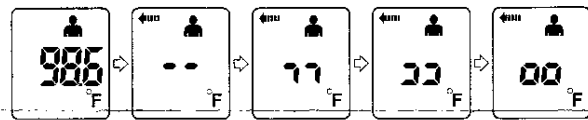
- When taking a patient's temperature, ensure that the thermometer is in Human mode; the Human symbol will appear on the display.
- If the patient's skin is covered with hair, sweat, or dirt, clean the area and wait 10 minutes before taking a measurement.
- Ensure that the thermometer is held firmly during measurement and that the patient does not move until the measurement is complete. Movement can impact the measurement.

#### MEASURING HUMAN TEMPERATURE

- Position the thermometer under 3cm (around 1 inches) from the center of the patient's forehead with the sensor aimed between the eyebrows.

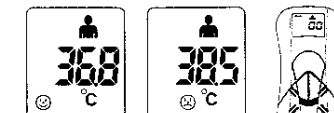


- Press and release the Measure button.
- Slowly move the device toward or farther from the forehead until you have reached the correct distance. If the distance is beyond the correct distance, the dash icon on the display flashes with beep sound in this sequence until the correct distance is achieved.)



##### NOTE:

- When the user presses the measure button, this workflow begins and they have 20 seconds to capture the temperature. After 20 seconds, the display turn to stand-by mode.
- As you hear a short beep means this temperature reading has been completed and accompany with a back-light.
- If the temperature measurement is below 38°C, a "Smiling Face" will appear next to the reading. If the reading is 38°C or above, a "Frowning Face" will be displayed and the RED LED light up.
- After about 30 seconds after use, the thermometer will automatically beep and shut off.



#### Fever Alarm:

Only in Human Mode and Human/Night Mode.

#### PAIRING UP THE THERMOMETER WITH YOUR SMARTPHONE

- Download the free CHICCO BABY UNIVERSE app from Google Play or the AppStore.
  - Run the CHICCO BABY UNIVERSE app on your smartphone. Bluetooth® will be automatically turned on.
  - Make sure the thermometer is powered on.
  - Search for the thermometer with CHICCO BABY UNIVERSE and connect it to your device.
  - While connecting, only the smartphone to be connected to the device can activate CHICCO BABY UNIVERSE. In case of connection issues, make sure that CHICCO BABY UNIVERSE is not running on another smartphone or restart your device.
- Please take note that the thermometer sends temperature data only when it is connected with your smartphone. Every temperature reading will be transfer to your mobile device automatically.

#### Measuring Object/Liquid Temperature

- Press the Power button to turn the thermometer on. All symbols on the display will momentarily appear.
- Ensure that the thermometer is in Object mode; the Object symbol will be on the display. To alternate between modes press and release the Human/Object Mode button until you see the desired measurement symbol on the display.



- Position the thermometer under 3cm (around 1 inches) from the object.



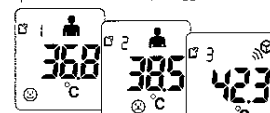
- Press and release the "Power & Measure" button and the temperature reading will be displayed.
- After about 30 seconds after use, the thermometer will automatically beep and shut off.

#### MEMORY FUNCTION

##### Memory Recall:

You can recall up to 30 measurements currently stored in memory to share with your physician or trained healthcare professional.

- When the device is on, press once briefly on the "MEM" button, then pass it again to show the last measurement accompanied by symbol.
- The symbol or symbol with each measurement stored in memory to indicate whether a person or object temperature was taken.
- Each press of the same button recalls a previous measurement, so then all the way to 1.



##### Memory Deletion:

- Under power on status, you may keep press MEM Button for more than 3 seconds to delete all the readings.
- You will see on display and "sound a beep", that mean all the memories are cleared.
- Autogradically on the 31th measurement when the 30 memories have been used up, any new measurement will be recorded with and the oldest memory deleted without you having to do anything.



**NOTE:**  
Whether the reading is human or object, the oldest reading will be cleared.

**CLINICAL ACCURACY VALIDATION METHOD**

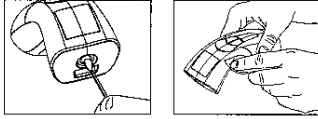
This device is a clinical thermometer with operating modes. The validated data on clinical accuracy in each mode are:

GroupA1:  $\Delta cb = -0.01^\circ C$ , LA=0.18,  $\sigma r = \pm 0.08^\circ C$   
 GroupA2:  $\Delta cb = 0.06^\circ C$ , LA=0.22,  $\sigma r = \pm 0.08^\circ C$   
 GroupB:  $\Delta cb = 0.01^\circ C$ , LA=0.20,  $\sigma r = \pm 0.07^\circ C$   
 GroupC:  $\Delta cb = -0.01^\circ C$ , LA=0.18,  $\sigma r = \pm 0.07^\circ C$

cb: CLINICAL BIAS  
 LA: LIMITS OF AGREEMENT  
 $\sigma r$ : CLINICAL REPEATABILITY

**CLEANING AND DISINFECTING**

For home use device disinfection, 70% Ethanol or Isopropyl alcohol (available in the pharmacy) can be used.  
 • Clean the measuring sensor after each use. Use a clean cloth or cotton bud that can be moistened with 70% alcohol.  
 • To clean the entire device, please use a soft cloth slightly moistened with a mild soapy solution. Under no circumstances may liquid enter the device. Do not use the device again until it is completely dry.



**ERROR CODES**

When a malfunction or incorrect temperature measurement occurs, an error message will appear as described below.

LCD display	Cause	Solution
	The temperature measured is higher than 1. Human thermometer mode: 43°C (109.4°F) 2. Object thermometer mode: 100°C (212.0°F)	Operate the thermometer only between the specified temperature ranges. If necessary, clean the sensor tip. In the event of a repeated error message, contact your retailer or Customer Services.
	The temperature measured is lower than 1. Human thermometer mode: 34°C (93.2°F) 2. Object thermometer mode: 0°C (32°F)	Operate the thermometer only between the specified temperature ranges.
	The operating temperature is not in the range 15°C~35°C (59°F~95°F)	Operate the thermometer only between the specified temperature ranges.

**SPECIFICATIONS**

- Measuring range:** Human Body: 34°C~43°C (93.2°F~109.4°F)  
Object: 0°C~100°C (32.0°F~212.0°F)
  - Calibration Accuracy:** Human Body:  $\pm 0.2^\circ C$  ( $\pm 0.4^\circ F$ ); from 34 to 43 °C (93.2 to 109.4 °F)  
Object:  $< 40^\circ C \pm 2^\circ C$ ;  $>= 40^\circ C \pm 5\%$
  - Display resolution:** 0.1°C
  - Measuring site:** Forehead
  - Reference body site:** Ear
  - Operating environment:** 15°C~35°C (59°F ~ 95°F) with relative humidity up to 95% (non condensing)
  - Storage/ Transportation environment:** -25 to 55 °C (-13 to 131 °F) with relative humidity up to 95% (non condensing)
  - Power supply:** 2 x 1.5V AAA size alkaline batteries
  - Weight:** approx. 80g (with batteries)
  - Dimensions:** approx. 52.4mm x 44.5mm x 129.9mm (LxWxH)
  - Operation Distance:** 3 cm
  - BT module:** M2M40A
  - Frequency:** 2.402 ~ 2.480 GHz
  - Output power range:**  $< 4$  dBm
- It is recommended that the accuracy should be checked by manufacture every year.

Medical Electrical Equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC Information.

- Electromagnetic/Radio Frequency Interference (EMC/RFI): Readings may be affected if the unit is operated within a radio frequency electromagnetic field strength of approximately 3 volts per meter, but the performance of the instrument will not be permanently affected. Care should be taken to keep the thermometer at least 6 inches away from R/C transmitters to avoid radio frequency interference.
- Avoid keeping the thermometer too close to objects that continuously generate high heat (like a hot plate) for long periods of time, which can cause overheating of the thermometer.

ThermoFamily (REF) 00009222000000 is designed for use in an electromagnetic environment that meets the specifications provided below. The person who purchased or who uses ThermoFamily (REF) 00009222000000 is responsible for ensuring that the device is used in an environment that complies with said specifications.

Guidance and manufacturer's declaration - Electromagnetic emissions		
Phenomenon	Professional healthcare facility environment *)	HOME HEALTHCARE ENVIRONMENT *)
Conducted and radiated RF EMISSIONS	†)	CISPR 11 Group 1 Class B
Harmonic distortion		Not applicable
Voltage fluctuations and flickering		Not applicable

\*) The equipment is suitable for use in Home Health Environments and Professional Health Care Environments limited to patient rooms and respiratory treatment facilities in hospital or clinics. The more restrictive acceptance limits of Group 1 Class B (CISPR 11) have been considered and applied. The equipment is suitable for use in the mentioned environments when directly connected to the Public Mains Network.  
 †) The test is not applicable in this environment unless the ME EQUIPMENT and ME SYSTEM used will be connected to the PUBLIC MAINS NETWORK and the power input is otherwise within the scope of the Basic EMC standard.

Guidance and manufacturer's declaration - Electromagnetic immunity - Enclosure port			
Phenomenon	Basic EMC standard or test method	Immunity test levels	
		Professional healthcare facility environment	Home healthcare environment
ELECTROSTATIC DISCHARGE	IEC 61000-4-2	= 8kV contact = 2 kV, $\pm 4kV$ $\pm$ , $\pm 8 kV$ , $\pm 15 kV$ air	
Radiated RF EM fields	IEC 61000-4-3	†)	10 V/m $\dagger$ 80 MHz - 2.7 GHz 80% AM at 1 kHz
Proximity fields from RF wireless communications equipment	IEC 61000-4-3	<b>COMPLIANT</b> NOTE: further information about the distances to be maintained from portable and mobile radio-frequency communication devices (transmitters) and the ThermoFamily (REF) 00009222000000 may be requested by contacting Artzana SpA using the contact information included in this booklet. However, it is advisable to keep the electromechanical aerosol equipment at an adequate distance of at least 0.5 m from mobile phones or other RF communications transmitters to minimise possible interference.	
RATED power frequency magnetic fields	IEC 61000-4-8	30 A/m $\dagger$ ) 50 Hz or 60 Hz	

\*) The equipment is suitable for use in Home Health Environments and Professional Health Care Environments limited to patient rooms and respiratory treatment facilities in hospital or clinics. The more restrictive IMMUNITY acceptance limits have been considered and applied.  
 †) before modulation is applied.  
 ‡) This test level assumes a minimum distance of at least 15 cm between the ME EQUIPMENT or ME SYSTEM and sources of power frequency magnetic fields.

**EXPLANATION OF SYMBOLS**

	The CE marking with the Registration Number of the Notified Body. This denotes the compliance of European Medical Device Directive 93/42/EEC.		Disposal information: Should you wish to dispose of the article, do so in accordance with current regulations. Details are available from your local authority.
	European Authorized Representative		Caution
	Manufacturer's name and address		Type of protection of applied part against electric shock, body floating.
	Follow instructions for use		SN YYYMMWWXXXX SN: Product Serial Number YY: year, MM: month, WWW: working sheet, XXXXX: serial no.
	This product meets the basic safety and essential performance requirements indicated in the IP22 conforming test (protection against solid foreign objects of 12.5mm $\phi$ and greater and against vertically falling water drops when enclosure tilted up to 15°).		The Bluetooth® combination mark, Bluetooth® version v.4.0
	Temperature limits		Product catalogue reference code or catalog number.
	Lot Number		Compliance to RED directive 2014/53/EU

**DECLARATION OF EC COMPLIANCE**

Hereby, AVITA Corporation declares that the radio equipment type (REF) 00009222000000 is in compliance with Directive 2014/53/EU, Directive 93/42/EEC and Directive 2011/65/EU (RoHS). The complete text of the EU Declaration of Compliance is available at: [http://www.avita.com.tw/download/RED\\_Doc.pdf](http://www.avita.com.tw/download/RED_Doc.pdf)



**THIS PRODUCT COMPLIES WITH THE DIRECTIVE 2012/19/EU.**

The crossed bin symbol on the appliance indicates that the product, at the end of its life, must be disposed of separately from domestic waste, either by taking it to a separate waste disposal site for electric and electronic appliances or by returning it to your dealer when you buy another similar appliance. The user is responsible for taking the appliance to a special waste disposal site at the end of its life. If the disposed appliance is collected correctly as separate waste, it can be recycled, treated and disposed of ecologically; this avoids a negative impact on both the environment and health, and contributes towards the recycling of the product's materials. For further information regarding the waste disposal services available, contact your local waste disposal agency or the shop where you bought the appliance.

**COMPLIANCE WITH EU DIRECTIVE 2006/66/CE**

The crossed bin symbol on the batteries or product pack indicates that, at the end of their life, they must not be disposed of as urban refuse. They must be disposed of separately from domestic waste, either by taking them to a separate waste disposal site for batteries or by returning them to your dealer when you buy similar rechargeable or non-rechargeable batteries. The chemical symbols Hg, Cd, Pb, printed under the crossed bin symbol, indicate the type of substance contained in the batteries: Hg=Mercury, Cd=Cadmium, Pb=Lead. The user is responsible for taking the batteries to special waste disposal sites at the end of their life to allow for their processing and recycling. If dead batteries are collected correctly as separate waste they can be recycled, processed and disposed of ecologically; this avoids a negative impact on both the environment and human health, and contributes towards the recycling of the substances contained in the batteries. Improper disposal of the product by the user may harm the environment and human health. For further information regarding the waste disposal services available, contact your local waste disposal agency or the shop where you bought the appliance.

**NOTE:**

- The Bluetooth® trademark and logos are registered trademarks of SIG, Inc. and any use thereof by Artzana SpA is under license.
- Google Play and the Google Play logo are Google Inc. trademarks.
- Apple and the Apple logo are trademarks of Apple, Inc., registered in the United States and in other countries. App Store is a service trademark of Apple Inc. registered in the United States and in other countries.

**WARRANTY**

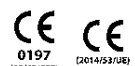
The product is guaranteed against any conformity defect in normal conditions of use as provided for by the instructions for use. The warranty shall not therefore apply in the case of damages caused by improper use, wear or accidental events. For the duration of warranty on conformity defects please refer to the specific provisions of national laws applicable in the country of purchase, where provided.

In case of problems concerning settings, maintenance or use of the device, contact your local distributor or the Italian toll-free number: 800 188 898. Warning! Do not service and/or repair the appliance.

EC REP MIB Technology Ltd, JPA Brenson Lawlor House, Argyll Square, Morehampton Road, Dublin 4, Ireland.

AVITA Corporation 9F, No.78 Sec.1, Kwang-Fu Rd., San-Chung District, 24156 New Taipei City, Taiwan

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