

DIGITAL CLINICAL THERMOMETER

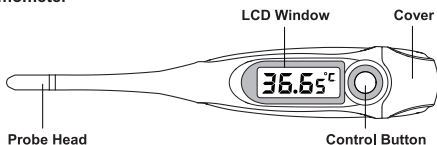
MODEL ACT3230 Basal

This thermometer is conformed to all requirements of European Norm ISO 80601-2-56 and ASTM E 1112.

1. Intended use

The product is used to measure person's human body temperature at hospital and home. It is used for the temperature measurement of oral, armpit and anus.



2. Schema of Thermometer












3. Specifications

3.1 Operating principle	Thermometer is designed on sensor's reaction to temperature
3.2 Measuring range	32.00 °C - 43.99°C or 90.00 °F - 110.99 °F
3.3 Accuracy	± 0.05 °C or (± 0.10 °F) within 35.00 °C ~ 38.00 °C (95.00 °F ~ 100.40 °F) ± 0.10 °C or (± 0.20 °F) outside the conditions above
3.4 Display resolution	0.01 °C or °F
3.5 Power supply	1 Button Battery 1.5V LR41 or similar (4000 measurements)
3.6 Weight / Dimensions	appr. 15.9g / 136.5mm * 22.7mm * 14.0mm
3.7 Ambient operating temperature	5 °C ~ 40 °C or 41 °F ~ 104 °F at 15% ~ 90% RH
3.8 Storage / transportation temperature	-25 °C ~ +70 °C / -13°F ~ +158 °F at 15% ~ 90% RH
3.9 Atmospheric pressure	700 - 1060 hPa
3.10 Life time	5 years
3.11 Shelf life of battery	1 year (non-use, at storage temperature of 20 ± 3 °C)
3.12 Direct mode; time response	60sec; intermittent measurement; continuous operation
3.13 Safe-Test Alarm / 10 sets memory / Beeper / IP22	

4. How to Switch between °C and °F (This function is not applicable in single-scale model)

- Turn off the thermometer first, then press the ON/OFF button twice within 0.5 second.
- Hold the second press down until the unit change function appears.
- Symbol  or  appears, with Beep. on the display window.



5. How to Operate

- Press down the control button to start the thermometer. Then, a full display  ensures that the LCD window is in good function.
- The next appearance  signals normal operation after internal safe testing. Otherwise,  alerts its malfunction.
- Then, the ambient temperature or  () displays on window with °C or °F blinking. The thermometer is now ready for a temperature taking. If there is no temperature taking in the coming 3 minutes, the thermometer will be automatically shut-off.
- Put the applied part, probe head, under the tongue, under the arm or in the rectum, according to the methods provided. (see 7. Methods of Use)
- When the thermometer completes its temperature taking, °C or °F stops blinking and the measured temperature displays on the LCD window with one series of beeps.
- The thermometer prolongs its process of temperature taking in the next 1 minute. After that, the measured temperature is fixed and shown on LCD window until auto shut-off in 9 minutes.
- When the measured temperature is above or below the measuring range, the LCD window displays  () or  (). Please follow the instruction booklet to re-operate the thermometer under the ambient temperature. Further advice of the measured temperature, please consult a physician or other medical professionals.


6. Auto Backlight

The backlight is automatically activated each time the ON / OFF button is pressed and turns off after a short time. When the measurement is complete, press and hold the ON / OFF button to turn on the backlight again. This function is convenient when measuring the temperature in low light.

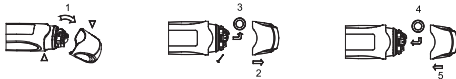
7. How to Recall 10 Stored Measurements

- 10 temperature values can be stored. The last measured value is displayed first. To retrieve the values from memory follow the below instructions:
- Press and hold the ON/OFF Button for about 2 seconds.
- The display will show . The last stored value is displayed for 4 seconds. .
- Press the ON / OFF button within one second to retrieve the second memory value.
- Repeat the process for the measured values from 3 to 10.

8. How to Replace the Battery

When the battery flag  appears and blinks, it means time to replace the battery. In this case,

- Release the battery compartment cover by gently pressing on the catch. Remove the old battery and replace it with battery of the same type.
- Remove the used battery by any pointed object but not sharp metal.
- Replace with a new button battery 1.5 V, with the Cathode side (-) upward. Disposed of used battery properly.
- Close the cover securely.



Note: it is important to turn the instrument off before replacing the battery otherwise the thermometer may malfunction.

9. How to Clean and How to Disinfect

- Please always clean and disinfect the probe head before and after each use with mild soapy water ,clean cloth or 70% isopropyl alcohol.
- Do not boil or clean and disinfect in washing machine.

10. Caution

- Do not boil, bite, bend, drop, disassemble, or throw this thermometer into fire.
- If used this thermometer is not according to the use instructions, the manufacturer cannot be held liable for damage caused by incorrect application.
- Do not dispose of this thermometer or its battery in fire. Batteries must be recycled or disposed of properly.
- Always keep this thermometer away from direct sunlight, moisture, extreme temperature and dirt while use, store or transport.
- Do not immerse the thermometer into water or other liquids.
- If the thermometer has been stored in extreme conditions (-25 °C or 70 °C) or if the operating ambient temperature is higher than body temperature, immerse the probe head in cold water for 5-10 seconds before taking a temperature measurement.
- For long durations of non-operation, please remove all batteries from the device. (If it is not used for 1 month, it is recommended to remove the battery).
- Although the patient is an intended operator, this product is not intended to diagnose or treat any health problem or disease and should not be used as a substitute for the consultation and advice of a physician or other medical professionals.
- This thermometer contains small parts that can be swallowed or produce a choking hazard to children, and keep the thermometer out of children/pets's reach.
- It is recommended to have the device inspected every two years to ensure correct function and accuracy with Application Laboratory and Authorized Service Center.
- Do not modify and maintenance this equipment without authorization.
- Avoid taking temperature in 30 minutes after physical exercised, bathing or dining.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- The electromagnetic environment for this product includes home healthcare settings and professional healthcare facilities.
- The essential performance of this product is to accurately measure body temperature. When used directly near strong electromagnetic interference (for example: near mobile phones, microwave ovens, etc.), it may be temporarily inaccurate. If so, please keep the thermometer away from interfering devices.
- During measurement, portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the product, including cables specified by the manufacturer. Otherwise, degradation of the performance of this thermometer could result.
- Please follow your government's environment policy to recycle the thermometer, accessories and batteries.
- This product is not sterile. Please clean it before and after you use it.
- For any questions regarding your temperature, please seek advice from your doctor.

11. Warranty

- This thermometer has an one year warranty from the date of purchase and this warranty is effective only by presenting the **RECEIPT OF PURCHASE** stating the buyer's name, date of purchase, name and address of the distributor.
- Does not function properly, first check the battery and replace if necessary (see 8. battery replacement).



Disposed in accordance with
Directive 2012/19/EC (WEEE)



Type BF equipment



Consult instructions
for use



Ingress Protection



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