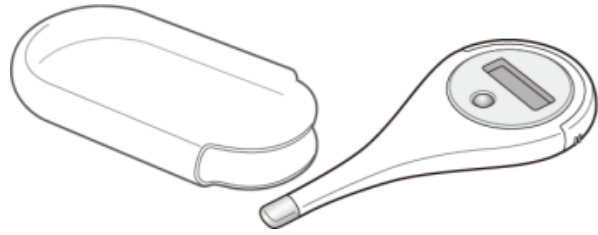


Digital Clinical Thermometer for household use [For Oral Use Only]

Model number **HT-201**

Instruction Manual



Illustrations in this instruction manual are schematic figures of this Product.

Thank you for purchasing this Digital Clinical Thermometer. To use this Digital Clinical Thermometer correctly and safely, please read all of the instruction manual provided by TDK carefully and keep in mind the before using this Product. After reading the manual, please keep it at hand so that others can refer it at any time.

- * Specialized smartphone application is available. Visit the following site to confirm.
<https://product.tdk.com/info/en/products/biosensor/biosensor/dbt/index.html>
- * The information in the Instruction Manual (except for product specification and design) may be changed without prior notice.

Safety Precautions Be sure to observe the following precautions

This section lists important precautions that users of this product (and anyone else) should observe in order to avoid injury to you and any person and damage to property.

⚠ WARNING

- Do not allow children to use, and keep this Product out of reach from small children.**
(If you allow this Product to use small children, this Product may cause their injury.)
- Do not use this Product for any purposes other than taking your body temperature.**
(Using this Product on other living things such as your pets or other animals may cause their injury.)
- Do not take your body temperature anywhere other than in-oral (armpit, ear, etc.).**
(Using this Product in areas other than the mouth may cause your injury or result an incorrect measurement.)
This Product is exclusively designed for oral use.
- Do not share this Product among multiple persons.** (Attempting to do so could cause infectious disease.)
- Do not bite or bite off the measurement area of this Product.**
(Attempting to do so may cause an accident such as accidental swallowing.)
In case of accidental swallowing, consult with a medical doctor immediately.
- Do not heat the battery or place the battery in a fire.**
(Attempting to do so may cause injury due to battery rupture or similar.)
- Do not attempt to self-diagnose or self-treatment based on the measurement result.**
(Attempting to do so may cause worsening of symptoms.)
Please consult with a doctor when seeking medical attention.
- Keep batteries or the battery cover out of reach from small children.**
(To prevent small children from swallowing batteries or the battery cover accidentally.)
If this Product is swallowed, consult with a medical doctor immediately.

⚠ CAUTION

- Do not disassemble, repair or modify this Product.**
(Attempting to do so may cause trouble or damage of this Product and result an incorrect measurement.)
- Use a battery designated in the Manual.**
(Using an undesignated battery may cause injury and disaster due to heat generation, rupture, leakage, or ignition of the battery.)
- Set the battery in this Product correctly so that “+” and “-” are in their proper positions.**
(Incorrect setting of the battery may cause injury and disaster due to heat generation, rupture, leakage, or ignition of the battery.)

Usage Precautions

- Do not take your body temperature by using this Product that has been stored outside the range of the storage environment temperatures.**
(Storage outside the range of the storage environment temperatures may cause trouble of this Product and result an incorrect measurement.)
- Do not use this Product in a place where a strong static discharge or electromagnetic radiation occurs, or near a magnet.**
(Such usage may cause trouble or damage to this Product and result an incorrect measurement.)
- Do not drop, step on or otherwise apply a strong shock to this Product or the storage case.**
(Such usage may cause trouble or damage to this Product and result an incorrect measurement.)
- Be careful so that fluid or water does not enter into this Product.**
(This Product is not designed as fully waterproof. Entry of water into this Product may cause trouble of this Product.)



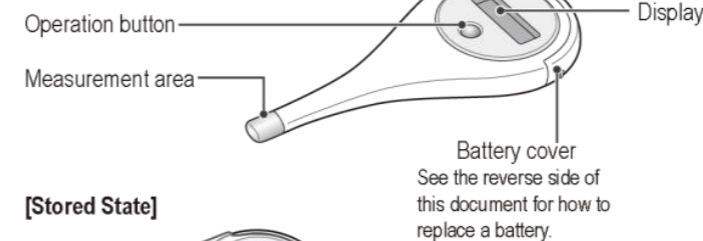
Please carefully read this instructions manual.

Specifications

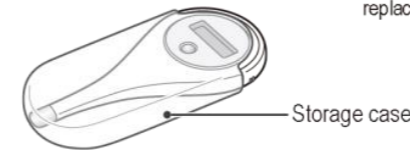
• Product name	Digital Clinical Thermometer	• Measurement range	33.00 to 42.00°C
• Model number	HT-201	• Usage Environment	Ambient temperature: + 10 to + 40°C
• Generic name	Electronic thermometer	temperature and humidity	Relative humidity: 30 to 85% RH (Without condensation)
• Supply voltage	DC 3V (CR2032 battery × 1 pc)	• Storage Environment	Ambient temperature: - 10 to + 50°C
• Battery life	Approx. 1 year (under the usage condition of room temperature 23°C, measurement for 7 minutes 1 time/day, data transfer 1 time/day)	temperature and humidity	Relative humidity: 30 to 90% RH (Without condensation)
• Temperature display	Four-digit with °C display in increments of 0.01°C	• Applied Part	= Type B
• Measurement precision	±0.10°C (38.01 to 42.00°C) ±0.05°C (35.00 to 38.00°C) ±0.10°C (33.00 to 34.99°C) (measured in a constant temperature water tank at a normal room temperature of 23°C)	• Main unit's weight	Approx. 20g (including battery)
• Measurement method	Predictive-type (compatible with predictive temperature measurement and actual temperature measurement)	• Outline Dimensions	Approx. 46(W) × 99.5(L) × 11(T) mm
		• Accessories	Temporary CR2032 lithium battery (installed in the product):1pc Storage case :1pc Instruction manual :1pc

Part Names

[Thermometer Main Unit]



[Stored State]



- Body Temperature Transfer Symbol
Shows the state ready to transfer body temperature data to your smartphone.
- M** Previous Value Memory Symbol
Shows the body temperature value measured last time
- Remaining Battery Symbol
Shows the remaining battery level in four increments.
- Predictive Symbol
Shows a temperature value that is measured by the predictive function.

For Correct Measurement

- Make sure that the temperature is taken at the base of tongue.
- Please refrain from using the Product after eating or drinking.
- Please refrain from using the Product after exercise.

Warranty

TDK warrants that the Product shall be free from defects in materials and workmanship when used normally in accordance with TDK's instruction manual for a period of one (1) year from the date of original retail purchase by the end-user purchaser ("Warranty Period").
If you find any defect in materials and workmanship in your Product within the Warranty Period, please contact the call center and provide something to certify the date of your purchase. TDK will replace the Product without charge.

Call Center: <https://product.tdk.com/info/en/products/biosensor/biosensor/dbt/contact.html>

This Warranty does not apply: (a) to consumable parts, such as batteries; (b) to cosmetic damage, including but not limited to scratches and dents; (c) to damage caused by operating the Product outside TDK's instruction manual; (d) to damage caused by accident, abuse, misuse, fire, earthquake or other external cause; or (e) to defects caused by normal wear and tear or otherwise due to the normal aging of the Product.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. TDK DISCLAIMS ALL STATUTORY AND IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS, TO THE EXTENT PERMITTED BY LAW.

EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, TDK SHALL NOT BE RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO, LOSS OF USE, LOSS OF OPPORTUNITY, OR LOSS OF, DAMAGE TO, COMPROMISE OR CORRUPTION OF DATA (INCLUDING ANY DATA STORED IN THE PRODUCT).

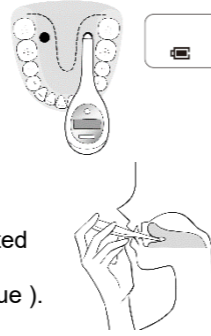
How to Take Your Temperature

- Take your body temperature as soon as you wake up and while you are still in bed. (Measurement after getting up or a meal may result an incorrect measurement.)
- Whenever you measure your body temperature by using this Product, please measure the same point in your mouth.
- Measurement should be conducted by using this Product at the same time every morning to the extent possible.

1. Take Out this Product from the Storage Case. Push the Operation Button at least One Second.

- The power turns on and the display indicates all symbols with a beeper sound.
 - Display the previous value.
 - Next, show ambient temperature.
- At this time, "Lo" is displayed when the ambient temperature is lower than 33°C

2. When this Product Displays "Lo" or the ambient temperature, Place the Measurement Area on Either the Right or Left Side of the Base of Your Tongue with the Display of this Product upwardly.



3. Hold this Product with Your Tongue and Shut Your Mouth. Hold this Product by Your Hand and make sure the Measuring Point in the mouth does not move.

- When a beeper sound goes off in approximately one minute and "°C" is indicated on the display, a predictive measurement is successfully completed.
- Check your body temperature measurement result (Predictive temperature value).
- Measurement in an incorrect manner may result an incorrect measurement.

4. Turn Off the Power by Pushing the Operation Button for at least One Second.

- The power is automatically shut down after a certain period of time lapse even if the operation button is not pushed.

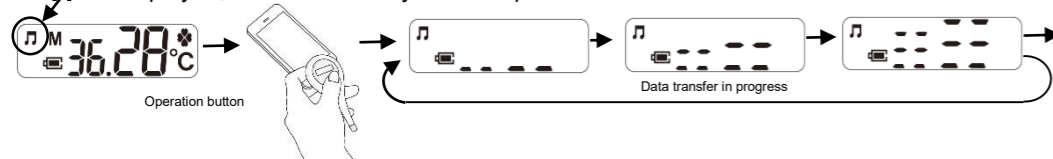
5. Put this Product into the Storage Case.

■ Actual Measurement

- * If you want to measure your body temperature strictly, we recommend that you should take an actual temperature.
- Keep on taking your body temperature after the beeper sound in step 3 above.
- The actual temperature measurement is successfully completed when the beeper sound goes off once again after approximately 5 minutes lapse.
- Check the result of the actual measurement and continue with steps 4 and 5 above.

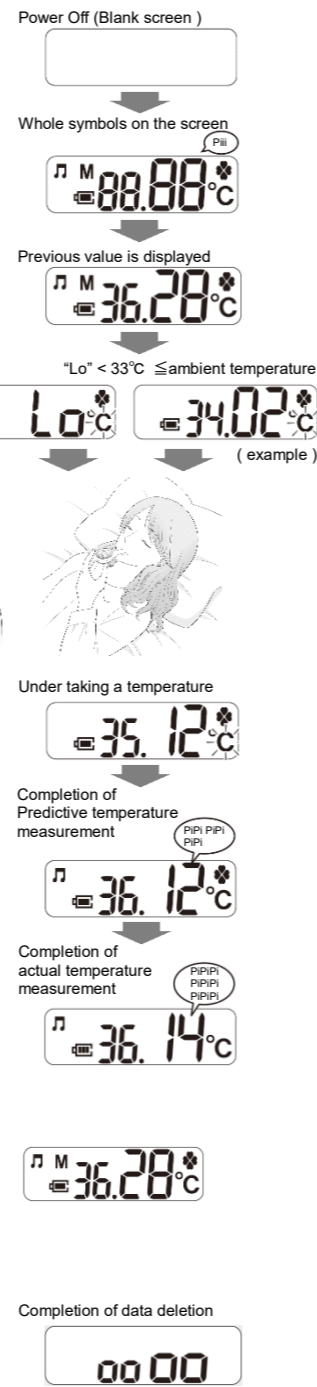
■ Transfer your body temperature data in this Product to your smartphone

- If "M" is displayed, data transfer to your smartphone is available.



■ Delete your body temperature data in this Product

- Push the operation button of this Product at least 10 seconds while this Product is powered on.
- Upon pushing the operation button even after this Product is powered off, four "0" are displayed and your body temperature data in this Product is deleted. If you release the operation button before four "0" are displayed, the data will not be deleted.



How to Clean

- Use a dry, soft cloth when removing stains from the product.
- Darker stains may be removed by using a soft cloth slightly moistened with water or alcohol.
- Please observe the following precautions. Cleaning this Product without observing the precautions may cause the trouble of this Product.
 - The thermometer is not designed for fully waterproof. When removing stains, please be careful to prevent water and alcohol from entering into this Product and keep them away from the display.
 - Do not soak the measurement area in alcohol or water at than 50°C or higher to sterilize it. Do not clean the measurement area by using ultrasonic cleaning.

How to Store

- Dry this Product by using a dry cloth before storing it in the storage case.
- If you do not intend to use this Product for a long period, be sure to remove the battery before storage.
- Storage in the places below may cause the trouble of this Product.
 - Dusty places. Places subjected to direct sunlight, high-temperature or high-humidity. Places subjected to water or water splashes.

How to Replace the Battery

Upon pushing the operation button, the remaining battery is indicated in four levels such as "▣▣▣▣" > "▣▣▣" > "▣▣" > "▣" (battery level low). Replace the battery promptly in accordance with the following procedures when "▣" is indicated. Measurement is impossible when "▣" is indicated. *Enclosed battery when you purchase this Product is for the temporary use and it may run out faster than usual.

■ Battery Replacement Procedure (CR2032 lithium battery × 1 pc)

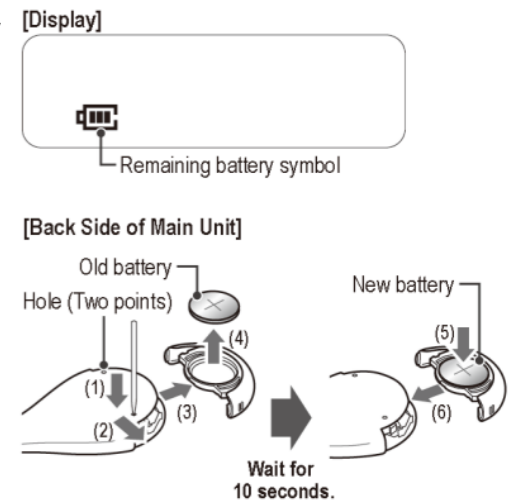
1. Insert a Pointed Object, Such as a Tooth Pick, into the Hole on the Back Side of this Product (1), Slide Out the Battery Cover by Using the Pointed Object (2), and Pull Out the Battery Cover (3).
2. Remove the Old Battery (4).
3. Wait for About at least approximately 10 Seconds to Prevent Malfunction of this Product, And Then Set the New Battery with the "+" Side Upwardly (5).

- ※ Do not insert a battery directly into this Product. It may cause trouble of this Product.

4. Attach the Battery Cover So That the cover is Inserted into this Product (6).
5. Push the Operation Button and Check that "▣▣▣▣" is Displayed.

■ Precautions in Replacing a Battery

- Replacing the battery deletes your body temperature data stored in this Product. Transfer the temperature data to your smartphone before replacing the battery.
- When disposing of a used battery, please follow all applicable laws and regulations in which it is being used.
- Keep batteries and the battery cover away from small children to prevent their accidental swallowing.



Troubleshooting

Problem	Probable Cause	Remedy
Scattering in measurement values	Placed the measurement area in different positions for each measurement or opened your mouth during measurement.	See the " For Correct Measurement " and " How To Take Your Temperature ".
"Er.03" is displayed.	A trouble has occurred in this Product during predictive temperature measurement.	See the " For Correct Measurement "and " How to Take Your Temperature ". A Predictive measurement value is not correctly estimated if the measurement area is taken out of your mouth during predictive temperature measurement. Keep on measurement (for actual temperature measurement) or turn off the power of this Product once and take your body temperature again after at least 30 seconds lapse.
"Er.11 to 19" is displayed.	Measurement has not been conducted in the correct manner.	See the " For Correct Measurement " and " How To Take Your Temperature ". Turn off the power of this Product once and take your body temperature again after at least 30 seconds lapse.
"A.Hi" is displayed.	The thermometer has been stored in a place where the temperature is higher than +40°C.	Take your body temperature again after placing this Product in a +10 to +40°C environment for at least one minute.
"A.Lo" is displayed.	The thermometer has been stored in a place where the temperature is lower than +10°C.	Take your body temperature again after placing this Product in a +10 to +40°C environment for at least one minute.
"Hi" is displayed.	The measurement result exceeded 42°C.	See the " For Correct Measurement "and " How To Take Your Temperature ".
"Lo" is displayed.	The measurement result was 33°C or less.	See the " For Correct Measurement "and " How To Take Your Temperature ".
Other than above cases.	The thermometer has failed.	Please visit our website for FAQ
Nothing is displayed on the display.	• The battery has run out. • The thermometer has failed.	Replace the old battery with a new one. If the power does not turn on even after the battery has been replaced, please visit our website for FAQ
The power does not be turned on.	Battery of this Product is not properly seated.	If power cannot be turned on, remove the battery once and insert it again.



TOSHIBA HOKUTO ELECTRONICS CORPORATION
1975, 23-chome, Minami 5-jodori, Asahikawa, Hokkaido 078-8335, JAPAN

TDK Corporation

3-9-1 Shibaura, Minato-ku, Tokyo 108-0023, JAPAN

- For support of this Product, please check our following site.
<https://product.tdk.com/info/en/products/biosensor/biosensor/dbt/index.html>

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