


DIGITAL THERMOMETER PROLIFE PDT100/PDT150

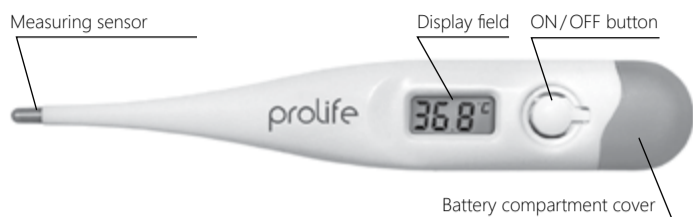
Thank you for choosing our products! Having assessed the reliability and quality of the Digital thermometer **Prolife PDT100/PDT150**, you will definitely stay loyal to our products in future.

The device provides safe, accurate and rapid measurement of body temperature. The temperature can be measured in the mouth (oral measurement method), in the anus (rectal measurement method) and in the armpit (axillary measurement method).

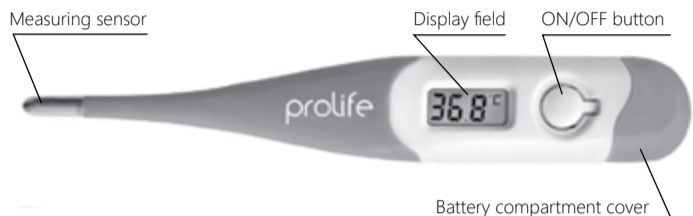
If you have any questions regarding body temperature, please consult your doctor.

 Before using the Digital thermometer **Prolife PDT100/PDT150**, please read the Instruction Manual carefully and keep it for future reference.

Prolife PDT100



Prolife PDT150



FEATURES

- Acoustic signal.
- Automatic self-test.
Ensures accurate readings with every measurement.
Automatic notification of an internal error affecting the thermometer proper operation (Err).
- Rapid temperature measurement within 60 seconds.
Flexible tip for comfortable measurement (only for **Prolife PDT150**).
- Last measurement reading auto save.
- Automatic switch off.
- 100% waterproof when immersed at a depth down to 10 cm within 1 minute (only for **Prolife PDT100**).

SAFETY PRECAUTIONS

- This thermometer is intended for clinical and domestic use only. Do not use the thermometer for purposes other than intended.
- Use the thermometer only to measure human body temperature.
- The thermometer must be in full contact with the patient during the measurement.
- The thermometer contains small parts (battery and battery compartment cover). To avoid swallowing or suffocation, do not leave the thermometer near the child unattended. Keep the thermometer out of the reach of children.
- Do not expose the thermometer to direct sunlight and high temperatures, as well as mechanical stress.
- If any malfunction is detected, stop using the thermometer and contact a specialized service center. Under no circumstances should you attempt to repair the device yourself.
- Before starting the measurement, the user and the thermometer should stay in the room with constant environmental conditions for at least 30 minutes to ensure measurement accuracy.
- The materials used are intended for patient contact and comply with ISO 10993-5 and ISO 10993-10 standards. Non-toxic, non-allergenic.

 Dispose of the batteries used in this product in accordance with the local waste disposal rules.

WARNING

- Seek medical advice in case of fever or continuous fever, particularly with regard to small children.
- Many factors affect temperature readings, including physical activity, drinking hot or cold beverages before taking a measurement, as well as the measurement method.
- Self-diagnosis based on the results obtained is dangerous and may cause deterioration of health. Consult your doctor to correctly interpret the results obtained.
- Do not measure the temperature with a wet thermometer, as readings may be inaccurate.
- When measuring temperature in your mouth, do not clench the teeth with all your might. Doing so may cause damage to the thermometer and/or injury.
- Remove the battery if the thermometer is not going to be used for a long time.
- Do not use the thermometer in places where strong static electricity or electromagnetic fields are generated.
- Do not use the rectal measurement method in case of rectal disorders. This may cause deterioration in condition.

TURNING ON THE THERMOMETER

To turn on the thermometer, push the ON/OFF button. After a short beep, the display will show all the symbols, then, for a short time, the result of the last successful measurement will be displayed with the symbols «M» and «°C» (if such a measurement was made) and the self-test of the device will begin. Then the symbol «Lo» will be displayed and the symbol «°C» will flash. The thermometer is now ready for use.

FUNCTIONAL SELF-TEST

Proper functioning of the thermometer is tested automatically each time it is turned on. If «Err» appears on the display after the self-test is complete, please contact your nearest service center or point of purchase.

TEMPERATURE MEASUREMENT

During the measurement, the current temperature will be constantly displayed, and the °C symbol will flash. When you stop measuring by the thermometer's acoustic signal (beep), you can only evaluate whether the reported value falls within the range of «normal» temperatures for the selected measurement method.

WARNING

To obtain the actual temperature value, do not stop measuring immediately after the beep. You should wait during the period of time recommended for each measurement method.

MEMORY FUNCTION

To display the last successful measurement, press the ON/OFF button, after a short beep, the display will show all the symbols, then for a short time the result of the last successful measurement (if such a measurement was made) will be displayed with the symbols «M» and «°C». After that, the autotest of the device will begin.

BODY TEMPERATURE MEASUREMENT METHODS

ORAL (IN THE MOUTH)

Place the thermometer in one of the two pockets under the tongue, to the left or right of the root of the tongue. The measuring sensor must be in good contact with the mucosa. Close your mouth and breath evenly through the nose to prevent the measurement from being influenced by inhaled/exhaled air. The «normal» temperature range is 35.5–37.5 °C. **Recommended measuring time: 60 seconds.**

RECTAL (IN THE ANUS)

This is the most reliable measurement method. It is especially appropriate for infants and small children. Carefully insert the tip of the thermometer 2 to 3 cm into the anal orifice. The «normal» temperature range is 36.6–38 °C. Disinfect the thermometer after use. **Recommended measuring time: 60 seconds.**

AXILLARY (IN THE ARMPIT)

Place the measuring sensor closer to the centre of the armpit and gently press the arm against the body. The «normal» temperature range is 34.7–37.3 °C.

From a medical point of view, this method, as a rule, does not provide high accuracy of readings due to the contact of the armpit skin with the surrounding air. **For more reliable results, it is recommended to wait another 2 minutes after the beep.**

BATTERY REPLACEMENT

 symbol appears on the display to indicate that the battery must be replaced.

To do this, open the battery compartment cover and remove the discharged battery. Insert a new battery, observing the polarity. Please make sure that the new battery is of the same type as the old one.

CLEANING AND DISINFECTING

To clean and disinfect the thermometer at home, it is recommended to wipe it with a cloth (cotton swab) soaked in 70% ethyl or isopropyl alcohol or rinse with water.


To clean and disinfect the thermometer in a clinical setting, it is recommended to wipe it with disinfectants. For these purposes, you can use wipes soaked in disinfectants, 70% ethyl or isopropyl alcohol. After treatment, remove the disinfectant residues from the surface of the thermometer using wet wipes moistened with water, wipe dry and store them in a closed container.

The thermometer **Prolife PDT100** is waterproof and for cleaning purposes can be completely (only undamaged and not dismantled) immersed in a disinfectant solution (70% isopropyl alcohol) for up to 1 minute and a depth down to 10 cm. After treatment, wipe the device with a damp cloth moistened with water

WARNING

Never use abrasive cleaners, solvents, or benzene as this may cause damage to the thermometer.


SPECIFICATIONS

| ITEMS | DESCRIPTION |
|--------------------------------|---|
| Type | Digital thermometer |
| Measurement Mode | Direct mode |
| Measurement Range | 32.0 °C~42.9 °C Temp <32.0 °C: «Lo» Temp >42.9 °C: «Hi» |
| Resolution | 0.1 °C |
| Accuracy | ±0.1 °C for measuring range between 35.5 °C and 42.0 °C ±0.2 °C outside the specified range |
| Measurement Position | oral, axillary or rectal |
| Power Source | 1.5 V battery; type LR41, 192, SR41, 392 or equivalent |
| Power Consumption | Max. 0.15 mW in measuring mode |
| Battery Life | Approx. 2-year (3 measurements per day) |
| Battery icon | YES; Icon  on the display |
| Beeper | Ready for measurement Notification stating that the temperature rise rate of the measuring sensor is less than 0.1 °C in 8 seconds |
| Memory | one: the last measuring result |
| Auto Power-Off | Approx. 10 min after measurement completed |
| Operating conditions | +10 °C to +40 °C; 10 to 95% RH |
| Transport & Storage conditions | -25 °C to +60 °C; 10 to 95% RH |
| Self-Test Function | Automatic self-test for every turns-on Displays «Err» if the system is failed |
| Dimensions | Prolife PDT100: 129x21x11 mm Prolife PDT150: 127x21x11 mm |
| Weight | Prolife PDT100: 11 g Prolife PDT150: 13 g |
| Life time | 5 years |

LIST OF SYMBOLS

SYMBOL MEANING

 The product meets the basic requirements of the Medical Devices Directive 93/42/EEC.

 WEEE (Waste Electrical and Electronic Equipment Directive). The symbol on the product or its package means that this product does not fall under the category of domestic waste. To avoid possible damage to the environment and human health, separate such wastes from others and dispose of them in accordance with accepted standards.

 Warning.

 Read the Instruction Manual before use.

 Type BF applied part.

 Manufacturer.

 Authorized manufacturer's representative in the European Union.

WARRANTY

The warranty period is indicated in the warranty certificate. The warranty period is established from the date of sale, providing that all operation conditions specified in this instruction manual are strictly observed. The warranty is valid subject to availability of a warranty card filled out by a duly authorized representative confirming the date of sale and also of the relevant receipt.

Warranty and free maintenance service is not provided in case of:

- use of the device in violation of the operating instructions;
- damage caused by intentional or erroneous actions of the consumer;
- evidence of mechanical impact, dents, cracks, chips, etc. on the thermometer housing, evidence of opening the device, disassembly, unauthorized repair, ingress of moisture, exposure to aggressive agents or any other unauthorized alterations of the device, and in other cases of violation of storage, cleaning, transportation and operation rules specified in the Instruction Manual.

WARNING


Follow the instructions precisely to ensure reliable and long-term operation of the device.

In case of abnormal operation of the device, please contact your retailer.

For repair and maintenance, please contact a specialized service center.

The manufacturer reserves the right to make alterations in the design of the device.

 **Manufacturer: Bioland Technology Ltd.**
No. A6B7 (Block G), ShangRong Industrial Zone, No. 5 Baolong Road, Baolong Community, Longgang District, 518116 Shenzhen, Guangdong, People's Republic of China.

 **Authorized Representative in the EU: Shanghai International Holding Corp. GmbH (Europe)**
Eiffestrasse 80, 20537 Hamburg, Germany.

Authorized representative of the manufacturer on the territory of the Republic of Kazakhstan, organization that accepts claims (proposals) for a medical device from consumers on the territory of the Republic of Kazakhstan, organization responsible for post-registration monitoring of the safety of a medical device on the territory of the Republic of Kazakhstan:

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