

## PRO-03 / PRO-04 PRO-05 / PRO-06

DIGITAL THERMOMETER



EN Instructions for use

### INTRODUCTION

Dear consumer!  
We congratulate you with a B.Well digital thermometer buying!  
Thank you for choosing our product!

### INTENDED PURPOSE

Thermometers are used for measuring body temperature by oral, axillar and rectal method. No contraindications revealed.  
Please read the instructions carefully before using the thermometer for the first time, and keep these in a safe place.  
This product is for home, clinical and hospital use, operator shall be at least 11 years old and patient can be operator.

### PRECAUTIONS

- The thermometer may be used only for measuring body temperature.
- Do not allow the device to come into contact with hot water.
- Do not expose to high temperatures or direct sunlight.
- Do not drop the thermometer. It is neither shock-proof nor impact-resistant.
- Do not modify this device without the authorization of the manufacturer.
- Do not bend or open the device (except the battery compartment).
- Do not clean with thinners, petrol or benzene. Only clean with water or disinfectant.
- Do not immerse the thermometer in liquid.
- The thermometer contains small parts (battery, battery compartment) which can be swallowed by children. For this reason, do not leave the thermometer unattended in the hands of children.
- Avoid bending the thermometer tip.
- If the ambient temperature is over 35 °C or 95 °F, dip the thermometer tip in cold water for approx. 5 to 10 seconds prior to measuring the temperature.
- Persistent fever, in particular in children, has to be treated by a doctor – please get in touch with your doctor!
- **Under any circumstances, the temperature taking result is ONLY for reference. Before taking any medical action, please consult your physician.**
- Do not use near strong electromagnetic fields, i.e. Keep it away from any radio systems and mobile phones.
- Batteries and electronic devices must be disposed of in accordance with the locally applicable regulations, not with domestic waste.
- Be careful when handling the shell to avoid scratches.

### WHAT IS A "NORMAL" TEMPERATURE?

Although the generally accepted "normal" temperature reading is 36.6°C, temperature readings can vary from 35.2°C to 36.8°C and still may be considered "normal". Variations in temperature can be attributed to activities such as exercise, smoking, eating and drinking. Your temperature is lower in the morning than in the afternoon. Other variations may be due to the location of the temperature reading:

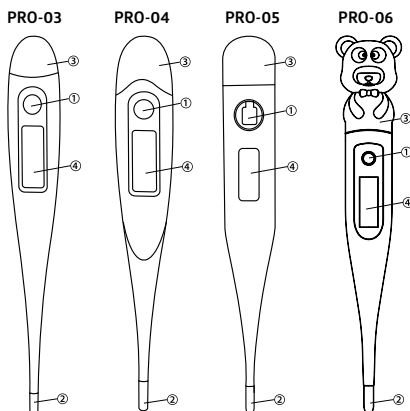
**Axillary** (armpit measuring).

**Oral** (mouth measuring).

**Rectal** (rectum measuring).

While the axillary temperature follows the guidelines previously described, an oral temperature is generally 0.5°C higher. Rectal temperature will be 1.0°C higher.

### FEATURES OF YOUR DIGITAL THERMOMETER



1. ON/OFF button  
2. Thermometric tip  
3. Battery cove  
4. Display window

### CLEANING INSTRUCTIONS

#### Disinfection

Thermometer shall be disinfected before each use.

**1st method.** Clean the thermometer with a soft cloth and isopropyl alcohol diluted with water (70%).

**2d method.** Clean the thermometer with a soft alcohol wet wipe (wipes for injections are preferred).

#### Cleaning

Wash with warm soapy water, then wipe with a clean wet cloth and let it dry.

### PREPARING FOR USE

Before using, please disinfect the probe at first. To switch on, press the ON/OFF button next to the display; a short beep will sound, indicating that the thermometer is operational. At the same time the thermometer runs a self-check test, during which all the digital segments appear on the LCD.

#### PRO-03, PRO-04, PRO-05:

When the letters "Lo" or "L" and a flashing "°C" or "°F" display, the thermometer is now ready for use.

#### PRO-06:

After that the last measured temperature shows on the LCD for 2s, and then the LCD will display "37.0°C" or "98.6°F" for 1s. At last the symbol "Lo" "°C" "F" display on the LCD, the thermometer is now ready for use.

#### PRO-03, PRO-04, PRO-05, PRO-06:

If the ambient temperature is below 32°C or 89.6°F, then "Lo°C/" "L°C" or "Lo°F/" "L°F" will appear on the LCD and if it is more than 42.9°C or 109.2°F, then "Hi°C/" "H°C" or "Hi°F/" "H°F" will appear on the LCD. During the reading, the current temperature is displayed continuously and the "°C" or "°F" symbol flashes. The measurement is completed when a constant temperature value has been reached. The temperature value is considered constant when the temperature rises less than 0.1°C within 16 seconds (PRO-03, PRO-04, PRO-05), 8 seconds (PRO-06).

### HOW TO CHANGE THE MEASURING SCALE

To switch the display between °C and °F, turn the unit on. Press and hold the ON/OFF button for 2 seconds, the display will show another scale.

### HOW TO TAKE YOUR TEMPERATURE

**⚠ Attention!** It is important to remember that the body temperature reading depends on the site where it is measured. For this reason, the measurement site must always be specified in order to ensure that a correct temperature reading is recorded.

#### • Under the arm (axillary)

Placing the thermometer in the armpit provides a measurement of surface temperature that can fluctuate by around 0.5°C to 1.5°C from rectal temperature readings in adults. It should be noted, however, that an exact reading cannot be obtained if, for example, the armpits have been allowed to cool. If this is the case, we recommend extending the measuring time by around 5 minutes in order to obtain the most precise possible reading that corresponds as closely as possible to the core body temperature.

**⚠ Attention!** Wipe the underarm with a dry towel and place the probe tip under the arm. Severe sweating may cause incorrect measuring when taking an axillary temperature. When taking an axillary temperature keep the arm close to the body so the probe tip is well covered by the arm. Axillary temperatures can vary from 35.2 to 36.8°C.

#### • In the mouth (oral)

There are different heat zones in the mouth. As a general rule, the oral temperature is 0.3°C to 0.8°C lower than the rectal temperature. To ensure that reading is as accurate as possible, place the thermometer tip to the left or right of the root of the tongue. The thermometer tip must have constant contact with the tissue during the reading and be placed under the tongue in one of the two heat pockets at the back, keep the mouth closed during the reading and breathe evenly through the nose. Do not eat or drink anything before the measurement. Oral temperatures can vary from 35.7 to 37.3°C.

**⚠ Attention!** Such activities as having hot or cold drinks, smoking, exercising may increase or decrease your temperature. Therefore it's important to relax with your mouth closed for about 5 minutes before taking an oral temperature.

#### • In the rectum (rectal)

This is the most accurate method from a medical point of view, because it comes closest to the core body temperature. This method is strongly recommended.

Apply a water-soluble lubricant to the thermometer tip. Gently insert the probe (around 1 cm and less than 2 cm) into the rectum. Rectal temperatures can vary from 36.2 to 37.7°C.

#### Average measuring time for different measuring methods

	PRO-03	PRO-04	PRO-05	PRO-06
<b>Axillary</b>	2 min	50-60 sec	2 min	30 sec
<b>Oral</b>	1 min	40-50 sec	1 min	20 sec
<b>Rectal</b>	1 min	30-40 sec	1 min	10 sec

Taking an axillary temperature may take longer time because of the features described above. When the temperature rises slightly the unit beeps.

**⚠ Attention!** When a unit beeps it doesn't mean that measuring is completed. It only means that your temperature is rising slightly. Keeping the unit for around 3 min after the beep is recommended.

#### Beeps definition

	PRO-03	PRO-04	PRO-05	PRO-06
<b>Short</b>	t ≥ 37.9°C	t ≥ 37.5°C	t ≥ 37.5°C	t ≥ 37.8°C
<b>Long</b>	t < 37.8°C	t < 37.5°C	t < 37.5°C	t < 37.8°C

In order to prolong the battery life, turn OFF the unit after use pressing ON/OFF button. The unit will automatically turned OFF approximately after 10 minutes.

- ① **Note:** According to hygiene standards do not use for rectal measuring the same unit as used for axillary or oral measuring. Avoid having hot or cold drinks, exercising, smoking or taking a shower directly before measuring.

## GENERAL CARE


- Children must use the thermometer under the supervision of adults.
- Do not walk, run or talk during temperature taking.
- Wipe the unit before and after each measurement.
- Store the unit in the protective case when it is not used.
- Do not gnaw the probe tip.
- Do not store the unit under direct sunlight, in dust or humid place. Avoid extreme temperatures.
- Dropping or subjecting your thermometer to strong shocks should be avoided.
- Do not attempt to disassemble the unit, except for battery replacing.
- If the display shows "ERROR" and the measurement doesn't start please contact a service center.
- ① **Note: The unit may be damaged if**
  - it is used and/or stored out of determined temperature and humidity conditions;
  - it was dropped or had a mechanical injury.

⚠ **Contraindications: are not revealed.**

## REPLACING THE BATTERY

The battery is empty and needs replacing when the "⬇" or "⬆" battery symbol appears on the right of the LCD.

### To replace the battery:

1. Take the battery cover away from the unit. 
  2. Replace the battery with a battery (preferably non-mercury) of the same type, paying attention to the polarity.
  3. Shut the battery cover back into place.
- We advise you to remove the batteries if the device is not going to be used for a longer period of time.
- ① **Note:** Please keep the battery away from children.
  - Do not store the battery at a high temperature.

## SPECIFICATIONS

	PRO-03	PRO-04	PRO-05	PRO-06
Type	Maximum thermometer			
Measurement range	32.0 - 42.9°C / 89.6 - 109.2°F			
Measurement accuracy	±0.1°C / 0.2°F (35.5°C - 42.0°C / 95.9°F - 107.6°F) ±0.2°C / 0.4°F (32.0°C - 35.5°C / 42.0°C - 42.9°C / 89.6°F - 95.9°F / 107.6°F - 109.2°F)			
Minimum scale	0.1°C / 0.1°F			
Auto power off	10 min			
Battery type	Alkaline battery, type LR41, 1.5V			
Life of battery	Minimum 100 hours under continuous operation			
Unit size	127x18.5x11 mm	128x20x12 mm	129x17.5x9.5 mm	panda: 151x26x19 mm frog: 157x25x19 mm dog: 150x23x20 mm duck: 154x24x17 mm
Weight approx. (with battery, without case)	8 g	10 g	10 g	13 g
Operating condition	Temperature: 5 - 35°C; relative humidity: ≤ 80%			
Storage/transportation condition	Temperature: -25 - 55°C; relative humidity: ≤ 95%			
Atmospheric pressure	700 - 1060 hPa			

## THERMOMETER SET

1. Thermometer
2. Battery
3. Instructions and warranty card
4. Protective case

## UTILIZATION

The unit must be utilized in accordance with current standards separately from domestic wastes. For utilizing it is necessary to contact special organizations licensed to make utilization.

## APPLIED STANDARDS

This product conforms to the provisions of the EC directive MDD(93/ 42/ EEC). The following standards apply to design and/or manufacture of the products:

- **EN 12470-3** Clinical thermometers – Part 3: Performance of compact electrical thermometers (non-predictive and predictive) with maximum device
- **IEC/EN 60601-1** Medical electrical equipment – Part 1: General requirement for safety
- **IEC/EN 60601-1-2** Medical electrical equipment – Part 2: Collateral standard: Electromagnetic compatibility – Requirements and tests
- **IEC/EN 60601-1-11** Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

## Calibration check

This thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the operation instruction, periodic re-adjustment is not required. The calibration check has to be carried out immediately, if there are indications that the product does not keep the defined error limits or the calibration properties could have been affected by an intervention or by any other means. Please also observe any national statutory regulations. The calibration check can be carried out by the competent authorities or by authorised service providers.

## WARRANTY

Warranty period is 2 years from the date of purchase. This warranty doesn't cover any damages caused by improper using, and also battery, protective cover and packaging. When a manufacturing defect is revealed during the warranty period














a faulty unit would be repaired or, if repairing is impossible, replaced with another one.

*Manufacturing date is on the unit.*

*The date of manufacture is indicated on the device in the serial number SN: W W Y Y X X X X X X. The first and second digits (WW) are the week of production, the third and fourth (YY) are the year of production.*

- ① *The manufacturer may change units partially or completely if necessary, without prior notice.*

## SYMBOL INFORMATION

	FOLLOW INSTRUCTIONS BEFORE USE		DISPOSAL FOR SEPARATE COLLECTION
	IP22 HOUSING INGRESS PROTECTION RATE. IP22 (Protected from the penetration of solid bodies with dimension greater than 12.5 mm. Protected from the penetration of vertically falling water drops)		TYPE BF EQUIPMENT
	MANUFACTURER'S NAME		ARTICLE NUMBER
	CE MARK 0044		SERIAL NUMBER
	MEDICAL DEVICE		OPERATING CONDITION, TEMPERATURE
			STORAGE CONDITION, TEMPERATURE
			UNIQUE DEVICE IDENTIFICATION
			EC REPRESENTATIVE

## ELECTROMAGNETIC COMPATIBILITY INFORMATION

Table 1  
For all ME EQUIPMENT and ME SYSTEMS

Guidance and manufacturer's declaration – electromagnetic emissions			
PRO-03 / PRO-04 / PRO-05 / PRO-06 is suitable for home healthcare environment and professional healthcare facility environment. The customer or the user of PRO-03 / PRO-04 / PRO-05 / PRO-06 should assure that it is used in such environment specified below.			
Suit	Emissions test	Professional healthcare facility environment	Home healthcare environment
Home healthcare environment	CISPR 11	Group 1, Class A or B	Group 1, Class B

Table 2  
For all ME EQUIPMENT and ME SYSTEMS

Guidance and manufacturer's declaration – electromagnetic immunity			
PRO-03 / PRO-04 / PRO-05 / PRO-06 is suitable for home healthcare environment and professional healthcare facility environment. The customer or the user of PRO-03 / PRO-04 / PRO-05 / PRO-06 should assure that it is used in such environment specified below.			
Immunity test	Professional healthcare facility environment	Home healthcare facility environment	
Electrostatic discharge IEC 61000-4-2	+/- 8kV contact +/- 2kV, +/- 4kV, +/- 8kV, +/- 15kV air		
Radiated RF EM fields IEC 61000-4-3	3V/m 80 MHz - 2.7 GHz 80% AM at 1kHz or 2Hz	10 V/m 80 MHz - 2.7 GHz 80% AM at 1kHz or 2Hz	
Proximity fields IEC 61000-4-3			
From RF wireless communications equipment IEC 61000-4-3			See the RF wireless communication equipment table in "Recommended minimum separation distances".
Rated power frequency magnetic fields IEC 61000-4-8		30 A/m; 50 Hz or 60 Hz	

Table 3  
For all ME EQUIPMENT and ME SYSTEMS that are not LIFE-SUPPORTING  
Recommended minimum separation distances

Test frequency (MHz)	Band (MHz)	Service	Modulation	Maximum power(W)	Distance (m)	Immunity test level (V/m)
385	380-390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27
450	430-470	GMR5 460 FRS 460	FM ± 5 kHz deviation 1kHz sine	2	0.3	28
710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	0.2	0.3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, IDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28
870						
930						
1270	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1, 3, 4, 25, UMTS	Pulse modulation 217 Hz	2	0.3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9
5500						
5785						

⚠ **WARNING:** 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 essential performance is the digital thermometer can offer the temperature measurement. Do not use mobile (cellular) telephones and other devices, which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 30 cm. Verify correct operation of the device in case the distance is shorter.

Last revision 2023-W06

Date of sale:

Seller's stamp:

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