



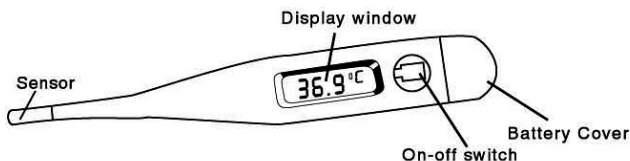
Brannan Thermometers & Instrumentation
 Leconfield Industrial Estate, Cleator Moor, Cumbria. CA25 5QE, UK.

Electronic Digital Thermometer Operation Instructions

Features

1. Easy to read digital LCD (liquid crystal display)
2. Compact, accurate, durable and light weight.
3. Temperatures can be taken either rectally (rectal), under arm (axillary use) or under the tongue (oral use).
4. Very sensitive and quick to use.
5. Thermometer switches off automatically after 8 - 10 minutes if accidentally left switched on, to save battery.
6. Can be used by the whole family.
7. Non toxic body, much safer than mercury glass thermometers.

Parts Description



Specification

Mesurement Range:	32°C to 42°C
Ambient Temp during use:	5°C to 35°C (<80%RH)
Storage Temp:	-25°C to 55°C (<95%RH)
Accuracy:	+/- 0.1°C from 35.5°C to 42°C, otherwise +/- 0.2°C
Display:	Liquid crystal display 3½ digits
Battery:	1 x 1.5V button size battery (LR41 or equivalent)
Weight:	Approx 10g (including battery)
Dimensions:	125mm x 18mm x 12mm

Precautions

1. Do not soak the display in water. Only the probe is waterproof. If the unit is accidentally immersed in water, allow to dry completely before switching on.
2. Do not boil the probe. Instead, clean the unit by wiping with a dry cloth and sterilize the probe with ethyl (rubbing) alcohol.
3. Do not allow the unit to come into contact with any thinners or chemical solvents.
4. Do not store the unit in direct sunlight or at a high temperature.
5. Do not bend the unit
6. Do not attempt to disassemble the unit except to replace the battery.

Directions for Use

Body temperature is a complex subject which can differ due to many things such as the gender of the patient, exercise, eating and drinking prior to use and even the time of day that the temperature is taken.


The accepted healthy core body temperature is typically 37°C but can vary by a degree or so. Readings taken rectally (rectal) are the most accurate from a medical point of view because they come closest to the core body temperature. Readings from under the arm (axillary use) are generally about 1.0°C lower and orally about 0.5°C lower.

If you are in any doubt about the values the device shows, consult your doctor.

1. Press the on/off switch. The display will read 188.8°E.
2. Release the on/off switch and the display will show L°C with °C flashing.
3. Disinfect the probe.
4. Position the probe:
Rectal Use - Insert tip carefully into the rectum for a maximum of 2cm.
Axillary Use - Wipe armpit with a dry towel. Place probe in the patient's armpit and keep the patient's upper arm pressed firmly against their side. To avoid any influence from surrounding air, fold the forearm over the chest, tightly covering the probe tip under the arm. The reading is usually about 1.0°C less than core body temperature.
Oral Use - Place the probe under the patient's tongue and instruct patient to keep their mouth closed while taking the temperature, without biting the probe. The reading is usually about 0.5°C less than core body temperature.
5. Once the degree sign (°C) on the display has stopped flashing (usually within 30 to 60 seconds), the correct temperature is indicated and the alarm will sound for approximately 2 seconds.
6. Remove the thermometer carefully without pressing the on/off switch. The patient's temperature may be read following removal as the display will retain the stabilised temperature reading.
7. The unit will automatically turn off after 8-10 minutes. However, to prolong the life of the battery, it is best to press the on/off switch once the temperature has been noted to turn the unit off.

Children must be supervised at all times when using this device to avoid the risk of choking.

How to Replace the Battery

When the battery is almost exhausted, the following symbol "  " will appear in the display window.

1. Remove the battery cover as shown in the diagram.
2. Use a toothpick or insulated probe to remove the battery. Avoid using sharp metal objects.
3. Insert new battery.

Note: Battery polarity - the battery should be inserted with the positive side (+) facing up and the negative side (-) facing down.

4. Replace the cover.



WARNING: Swallowing a button battery may be fatal

Do not attempt to recharge the battery

Do not dispose of the battery in or near fire as it may explode.

Thermometer Cleaning Solutions

For home use, we recommend to wipe with mild disinfecting solution then rinse thoroughly with water.

The probe can also be sterilised with ethanol and isopropyl alcohol.

NOTE: Only the probe and lower part of the thermometer (below the LCD screen) should be cleaned with liquid.

NOTE: Any solution and method other than the above-mentioned may cause reliability problems with the thermometer.