

# Brannan Product Data Sheet

PDS0309.20.REV0

## Flexi-Head Clinical Thermometer

Easy to use electronic thermometer with a flexible probe and large LCD for quick and accurate reading. The thermometer is suitable for all ages, especially babies, young children and the elderly.

### Product Features:

- Flexible probe for easy, safe and gentle measurement
- Suitable for oral, rectal and armpit measurement
- Last reading memory
- Automatic shutdown
- Fever alarm
- Includes instructions and battery
- Suitable for use with Brannan replacement probe covers

### Product Specifications:

<b>Temperature Range:</b>	32°C to 41.9°C
<b>Accuracy:</b>	+/-0.1°C between 35.5°C and 41.9°C, otherwise +/-0.2°C
<b>Resolution:</b>	0.1°C
<b>Fever Alarm:</b>	≥ 37.4°C
<b>Measurement Sites:</b>	Rectal, axillary or oral
<b>Automatic Shutdown:</b>	After 10 minutes of inactivity (+/- 2 minutes)
<b>Battery:</b>	1 x LR41 or equivalent (included)
<b>Approx Battery Life:</b>	100 hours continuous use (2+ years when idle)
<b>Storage Temperature:</b>	-25°C to +55°C / <95% RH
<b>Operating Temperature:</b>	+5°C to +40°C / <85% RH
<b>CE &amp; RoHS/WEEE:</b>	Compliant
<b>Hazard Information (SDS):</b>	See <a href="http://www.brannan.co.uk">www.brannan.co.uk</a> for information
<b>Product Dimensions:</b>	Packaged: 150mm x 55mm x 27mm Unpackaged: 130mm x 22mm x 12mm
<b>LCD Dimensions:</b>	10mm x 24mm
<b>Component Weights:</b>	Net: 15.5g (including battery) Display Box & Instructions: 10g Plastic Tray: 4.5g Gross: 29.5g



\* see notes overleaf

Description	Barcode	Product No
Flexi-Head Clinical Thermometer	5 011405 110671	11/067/2
Pack of 25pcs Disposable Probe Covers	5 011405 110664	11/066/0



## Flexi-Head Clinical Thermometer

### Notes regarding response times

#### Rectal (in the rectum)

This is the most accurate method from a medical point of view, because it comes closest to the core body temperature. The thermometer tip is inserted carefully in the rectum to a maximum of 2cm. The usual measuring time is approximately 9 to 11 seconds.

#### Axillary (under the arm)

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. The usual measuring time for this method is approximately 23 to 29 seconds. 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 measurement time by around 5 minutes in order to obtain the most precise reading that corresponds as closely as possible to the core body temperature.

#### Oral (in the mouth)

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 the 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. The usual measuring time is approximately 15 to 19 seconds.

### Caring for your Thermometer

- Do not allow your thermometer to come into contact with hot water
- Do not expose to high temperatures or direct sunlight
- Do not drop the thermometer
- Do not open the device (except the battery compartment)
- Do not clean with solvents - clean with water or disinfectant
- Do not immerse the thermometer under water for longer than 30 minutes
- The thermometer contains small parts which can be swallowed by children - do not leave unattended
- Avoid bending the tip by more than 45 degrees
- If the ambient temperature is over 35°C, dip the thermometer tip in cold water for approx 5 to 10 seconds prior to taking temperature measurement