

A photograph of a family sitting on a couch. A woman in a yellow shirt is holding a baby, and a man in a green shirt is using a small white ear thermometer to check the baby's temperature. The baby is wearing a striped shirt and grey pants. The background is a bright, out-of-focus window.

PHILIPS

AVENT

Smart ear
thermometer



Product Picture

SCH740/37

Measures and records your child's temperature

Accurate, fast, uGrow connected ear thermometer

The Philips Avent smart ear thermometer makes it possible to quickly and accurately take temperature readings and store them directly to your smart device using the uGrow app.

Comfortable and easy to use

- Designed for easy, comfortable in-ear measurement*

Fast and accurate

- Accurate results $\pm 0.2^{\circ}\text{C}$ / $\pm 0.4^{\circ}\text{F}$
- Gives results in Celcius and Fahrenheit
- One press and in 2 seconds you have an accurate reading

uGrow connected

- Part of the uGrow family of connected products

Highlights

A uGrow connected product

The Philips Avent smart ear thermometer connects with our uGrow app. The world's first medical baby app with connected devices giving you personal advice that matters. Let uGrow help you discover patterns to support your little one's healthy development.

Fast

Keeping your child still long enough to take an accurate reading can be difficult. The Philips Avent smart ear thermometer addresses this problem by being specially designed for speed and ease. Just one press of the button and you will have a reading in 2 seconds.

Accurate

Body temperature can be measured in five locations: the mouth, the ear, the armpit, the forehead. Our research has shown that this ear thermometer offers a medical grade

measurement with $\pm 0.2^{\circ}\text{C}$ or $\pm 0.4^{\circ}\text{F}$ accuracy within the range of $32.4^{\circ}\text{C} - 42.9^{\circ}\text{C}$ ($90.3^{\circ}\text{F} - 109.2^{\circ}\text{F}$). Reflects body core temperature.*

Comfortable and easy to use

The Philips Avent smart ear thermometer takes your baby's temperature in a few simple and quick steps. Firstly, ensure the sensor is clean and dry. Then press the power button and gently pull your baby's ear backwards so the ear canal is straight. Insert the thermometer pointing the tip towards the ear drum and press the button again. Compact and streamlined, the thermometer has a probe tip that is suitable for all ages.

Celsius and Fahrenheit

No matter whether you work in Celsius or Fahrenheit, the Philips Avent smart ear thermometer will give you the results you need in the scale you understand.

Specifications

Accessories

2 x AAA batteries: non-rechargeable

Power

Power source: 2 x AAA non-rechargeable batteries

Design

Color: White

Net. Weight: About 54.6g

Dimensions: 136(L)x34.5(W)x57(D)mm

Service

Two year guarantee

Ease of use

Clear LCD display

Fast: 2 second measurement

Probe tip for all ages

Switch to Celsius & Fahrenheit

Standalone device: Yes, ear thermometer can be used as a standalone device

Technical

Accuracy: $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$) within the range of $32.4^{\circ}\text{C} - 42.9^{\circ}\text{C}$ ($90.3^{\circ}\text{F} - 109.2^{\circ}\text{F}$)

Measurement range: $32.4^{\circ}\text{C} - 42.9^{\circ}\text{C} / 90.3^{\circ}\text{F} - 109.2^{\circ}\text{F}$

Operating environment: $10.0^{\circ}\text{C} - 40.0^{\circ}\text{C}$ ($50.0^{\circ}\text{F} - 104.0^{\circ}\text{F}$) with a relative humidity of 20% - 85%

Syncing

Data transfer: via Bluetooth® Low Energy

Phone compatibility: iPhone 5s+ | iOS 8.1+ | Android 4.4 +



* Reflects body core temperature

* The smart ear thermometer has not yet been licensed in accordance with Canadian law.

* Sources: Herzog, L., & Phillips, S. G. (2011). Addressing concerns about fever. Clinical Pediatrics, 50(5), 383–390.

* McCallum, L., & Higgins, D. (2011). Measuring body temperature. Nursing Times, 108(45), 20–2.

* Normal temperature ranges differ per age group. 38.0°C (100.4°F) is still within normal temperature range for babies.

* Chamberlain, J.M., et al., Determination of Normal Ear Temperature with an Infrared Emission Detection Thermometer, Annals of Emergency Medicine, January 1995, Vol. 25, pp. 15–20.