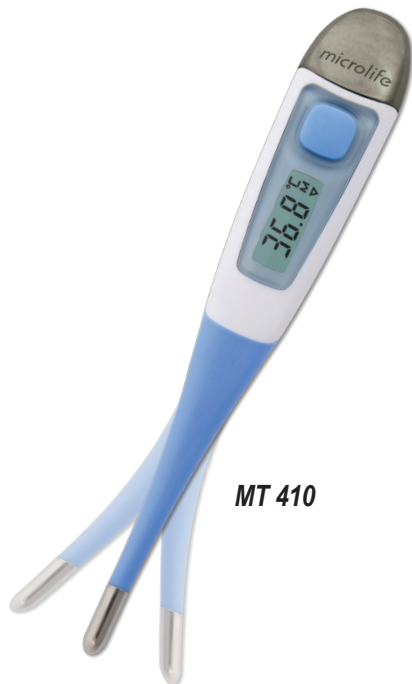


Antimicrobial Thermometer with Copper Alloy

Fast

- 👉 10 Second measurement
- 👉 High safety to whole family
- 👉 Protects against pathogenic microbes



MT 410

- 10 Second measurement
- Reduces drastically the dispersion of contagious microorganisms
- Fights contamination among users
- Clinically tested
- Flexible tip / soft touch
- Large display
- Backlight
- Beeper
- Fever alarm
- Memory
- Low battery indication

Copper properties

Copper is an element found free in nature, completely recyclable and aesthetically harmonized to the environment. Scientific studies have concluded that microbes remain alive and infectious on various surfaces for hours, days and even months. Extensive laboratory and clinical studies worldwide have shown that a large number of bacteria, viruses and fungi cannot survive on the antimicrobial copper surfaces.

Antimicrobial effectiveness - Copper kills microbes

Copper effectively kills a wide range of microbes, particularly through exposure of microbes to copper ions. Copper ions act in three ways to kill microbes:

1. Destroy the Na - K pump located in the membrane of microbes' cell.
2. Reacting to O₂ generate toxic oxygen radicals and induce oxidative stress in bacteria.
3. Destroy the genetic material of bacteria - viruses (RNA & DNA).

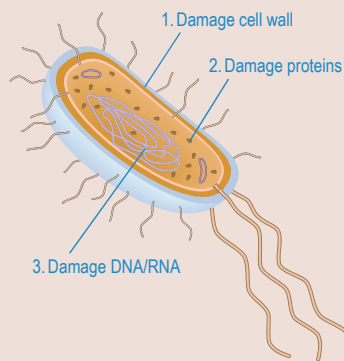


Illustration of a bacterial cell in incision



The ultimate solution for hygiene and safety in fever management.

Microlife presents the innovative antimicrobial thermometer the world's first thermometer with implementation of copper alloy.

Through it's patented technological application, it aims to create safe thermometry conditions, not only to families but to the entire healthcare chain (doctors-nurses-patients).

The antimicrobial copper which is applied on the thermometer's tip and battery cover kills a wide range of pathogenic microbes, drastically reducing microbial flora on the coated parts and causes significant pathogenic microbes reduction to the rest of the body of the thermometer. The result of it's continuous and ongoing antimicrobial action is the decrease of pathogenic microbes spreading, thus providing high safety and protection to the user.

§ Greek national patent No: 1007847 (201101007847)/31.10.2011;

§ International Patent Application No: WO/2013/064847;

§ European Patent Application No 12798356.7/17.10.2012.

Technical specifications

Type:	Predictive maximum thermometer
Measurement range:	32.0 °C to 42.9 °C
	Temp. < 32.0 °C: display «L» for low (too low)
	Temp. > 42.9 °C: display «H» for high (too high)
Measurement accuracy:	± 0.1 °C between 34 °C and 42 °C
Operating conditions:	10 - 40 °C; 15-95 % relative max. humidity
Storage conditions:	-25 - +60 °C; 15-95 % relative max. humidity
Battery:	1.5/1.55 V; SR41
Battery lifetime:	approx. 2700 measurements (using a new battery)
IP Class:	IP22
Reference to standards:	EN 12470-3, clinical thermometers; ASTM E1112; IEC 60601-1; IEC 60601-1-2 (EMC); IEC 60601-1-11
Expected service life:	5 years or 10000 measurements

This device complies with the requirements of the Medical Device Directive 93/42/EEC. Technical alterations reserved.