

# Core temperature monitoring by capsule

Reliable, accurate and continuous measurement of core temperature



## Product codes:

Reference: BIO-PILL

## Product description:

ANIPILL is a **wireless** device allowing the **continuous monitoring** of animal's core temperature. A single capsule size is available for a wide variety of animals, implantable or ingestible depending on the species. This capsule can also be used in small rodents, **rats or mice**, after implantation by surgery. The operation is very **intuitive**, you will only need an activator and a monitor. The monitor provides temperature display and 2000 data storage. It can display simultaneously the values of 8 capsules. Data export is then possible using the dedicated software.

The measurement period can be changed throughout the experiment: **1 min, 2 min, 5 min, 15 min or 1 h**.

**Event markers** are accessible from the monitor and remain in its memory. The capsules do not need to be nearby.

The capsule has a battery life that can range **from 20 days to 10 months**, depending on the sampling period chosen. It is delivered sterilized and deactivated.

Several animals can be in the same cage without interference.

**Product features:**

Weight: 1,7 g

Dimensions: 17.7 mm x 8.9 mm

Accuracy: +/- 0.2°C in the range 5°C - 45°C

Temperature range: 25-45°C (below, please consult us)

Animal: Minimum weight of 20g

Sampling frequency: 1min, 2mn ,5mn 15mn, 1h

Max. communication distance: 1-3m depending on the animal and the environment

**Available models**