

MINIATURE WATERPROOF TEMPERATURE DATALOGGER

DESCRIPTION

The iBee are waterproof temperature dataloggers designed from Thermo Buttons 22L and 22T.

They are coated with a silicone compatible with food contact.

It is the ideal solution for product monitoring, for the validation of sterilization schedules in the food industry or for temperature control in liquids.

FUNCTIONS



TEMPERATURE



WATERPROOF



RECORD DATE/TIME

MAIN FEATURES

- Records the temperature
- Memory
- Pressure resistant (3 bar)

PRESENTATION

- Miniature size (27 x 7.5 mm, diameter 20 mm)
- Food-grade silicone waterproof sleeve

PROGRAMMING AND READING WITH THERMOTRACK

Your iBee can be read and programmed with **Thermotrack software** (PC, Online, Webserve) thanks to the connection clamp and the USB adapter.



USB ADAPTER



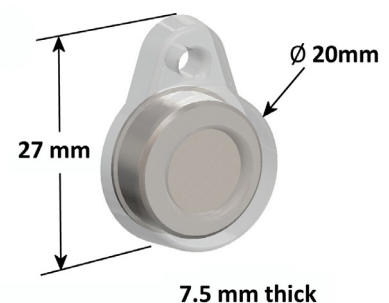
PC



SMARTPHONE

TECHNICAL SPECIFICATIONS

	Type 22L ALP0018	Type 22T ALP0019
Temperature range °C	-40/+85°C	0/+125°C
Humidity range H%	-	-
Accuracy	± 0.5°C	± 0.5°C
Resolution	0.1°C or 0.5°C	0.1°C or 0.5°C
Size of memory/readings	4096 or 8192	4096 or 8192
Sample rate	1 sec to 273 h	1 sec to 273 h
Battery life span	10 years max (1)	30 to 50 cycles sterilization process (2)



(1) Between -30 and +50°C. Prolonged exposure above 50°C may reduce the service life of the product.
(2) One cycle = start at 25°C, hold at 121°C for 15 minutes and return to 25°C.

CALIBRATION CERTIFICATES

The Thermo Buttons, Hygro Button, and iBees can be delivered on request with **two types of calibration certificates** :

- Traceable to international standards.
- ISO 17025 compliant.