THERMO/HYGRO BOUTON

PLUG&TRACK
by PROGES PLUS

THE SMALLEST TEMPERATURE/HUMIDITY LOGGER IN THE WORLD

■ DESCRIPTION

Thermo and Hygro Buttons are ideal for any kind of **temperature and humidity controls**, product tracking, transport, process and HACCP controls.

Small, rugged, it can survive any **harsh environment, resists to dust, to water.**

■ FUNCTIONS

T °C TEMPERATURE

💧 HUMIDITY

🕐 RECORD DATE/TIME

MAIN FEATURES

- Records date and time
- Programmable low and high alarm thresholds with temporization parameters
- Start delay

PRESENTATION

- Ø 16 mm, 6 mm thick
- Protected in stainless steel can
- Splash-proof: IP 65
- Unique serial number

READ AND PROGRAM YOUR BUTTONS

- With your PC with **Thermotrack PC**
- With your Android smartphone with **Thermotrack Mobile**
- On the Cloud with **Thermotrack Online** or **Thermotrack Webserve**

🖥 PC   **📱 SMARTPHONE**

USB READER
FOR PC

SMARTPHONE
READER

TECHNICAL SPECIFICATIONS

	Thermo Buttons 21G	Thermo Buttons 22L	Thermo Buttons 25L	Thermo Buttons 22T	Thermo Buttons 22E	Hygro Buttons 23
Temperature range °C	-40/+85°C	-40/+85°C	-40/+85°C	0/+125°C	+15/+140°C	-20/+85°C
Humidity range H%	-	-	-	-	-	0/100%
Accuracy	± 1°C	± 0.5°C	± 0.5°C	± 0.5°C	± 1.5°C : +100/140°C	± .5°C/5%
Resolution	0.5°C	0.1°C or 0.5°C	0.1°C or 0.5°C	0.1°C or 0.5°C	0.1°C or 0.5°C	0.1°C or 0.5°C
Size of memory/readings	2048	4096 or 8192	125440 or 62720	4096 or 8192	4096 or 8192	4096 or 8192
Sample rate	1 to 255 min	1 sec to 273 h	5 min to 273h	1 sec to 273 h	1 sec to 273 h	1 sec to 273 h
Battery life span	10 years max (1)	10 years max (1)	10 years max (1)	30 to 50 cycles (2) sterilization process	30 to 50 cycles (2) sterilization process	10 years max (1)

(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.

ATTACHEMENTS

- Colored key fobs
- Wall mount eyelet
- White or customer printed PVC card
- Waterproof capsule

CALIBRATION CERTIFICATES

Thermo Buttons, Hygro Buttons and iBees can be supplied on request with two types of calibration certificates

- Traceable to international standards
- ISO 17025 compliant

WALL MOUNT EYELET

KEY FOBS

PVC CARD

Temperature sensitive product
Keep this between

15°C and 25°C

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CAPSULE

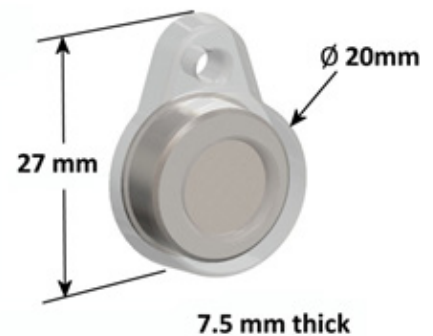## IBEES 22L & 22T - WATERPROOF AND FOOD CONTACT

Ibees are the **waterproof version of 22L and 22T Thermo Buttons**, with a food contact silicon coating. Ideal for core temperature measurements (cooking sterilization, cooling…).

- **Silicon** coating
- Same functions as **Thermo Buttons**
- Same software **Thermotrack (PC, Online, Webserve)**

2 different temperature ranges depending on your application.

Ø 20mm

27 mm

7.5 mm thick

22L Model	22T Model
-40/+85°C ±0.5°C	*0/+125°C ±0.5°C*

Other features same as thermo buttons 22 and 22T

HOW TO PROGRAM AND READ YOUR IBEES?

Your ibees can be programed and read with Thermotrack softwares (PC, Online, Weusing the Connection clamp and the **USB adapter**.

CONNECTION CLAMP

USB ADAPTER