# THERMO/HYGRO BOUTON



# 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**







### **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 SMARTPHONE FOR PC 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 ou 8192	125440 ou 62720	4096 ou 8192	4096 ou 8192	4096 ou 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)

# **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

Ø 20mm

- Traceable to international standards
- ISO 17025 compliant



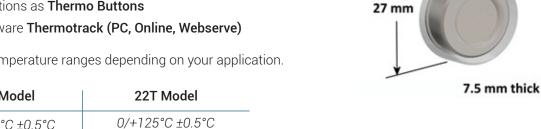
# IBEES 22L & 22T - WATERPROOF AND FOOD CONTACT

lbees 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.

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.



**Plug and Track** A division of Proges Plus Lille - Lyon - Nantes 2, rue de la République

59780 - WILLEMS - France Tél. + 33 3 20 64 63 63 info@plugandtrack.com www.plugandtrack.com