

## 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



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

Nelson-Jameson's item #	2503100	2503105	2503206	2503200	2503208	2503300
	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)

## ATTACHEMENTS

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



WALL MOUNT EYELET



KEY FOBs

PVC CARD



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.

**2503209**

22L Model

-40/+85°C ±0.5°C

**2503307**

22T Model

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

**Nelson-Jameson**  
**P.O. Box 647**  
**Marshfield, WI, 54449, United States**  
**800-826-8302 - [www.nelsonjameson.com](http://www.nelsonjameson.com)**