BlueLOG P-80



Bluetooth temperature data logger, with BlueTrails Android app and external steel sensor, calibrated from -80 ° C up to 20 ° C. Suitable for multiple applications, especially in the pharmaceutical and medical fields, such as the constant detection of the temperature in ultra freezers or for the transport of drugs and vaccines. Coupled to a Smartphone, it transmits data via Bluetooth (4.0 or higher) at an acquisition rate programmed by the user. Data is shown in real time and alarms are provided when the temperature is out of range (limits are programmable). The report generated by the app can be shared via email or other app. With the Bluetooth thermal printer you can print the data on delivery. The alarms are highlighted by the LEDs and the Buzzer while the association to the mobile device can be carried out by pressing the button, reading the QR Code or via contactless with the tag on the back.

It is supplied with an **Accredia traceable calibration certificate** and the **batteries are replaceable by the user**.

Applications

Cold Chain

Logistic&Transport

Environment

Pharmaceutical

Food & Beverages

Healthcare

Medical

Laboratories

Main features

- Sending data in real time to Android devices
- Extensive probe with fast response time
- Tilt monitoring and alarms with settable thresholds
- Different monitoring modes: in real time (even multiple loggers at the same time) or with unloading at destination
- Long battery life: 2 years with continuous transmission every 15 minutes
- Start and Stop via push button
- Real-time control of user-settable alarm thresholds with acoustic notification also
- Generate PDF, exel, csv reports via email
- **Reference traceable calibration certificate included**
- Long battery life: 2 years with continuous transmission every 15 minutes
- **Can be used to monitor correct anti-COVID 19 vaccines conservation**

Plus

- No extra accessory: your smartphone is all you need
- Small size suitable for every package and box
- Real time alarms
- Bluetooth printer paired to the smartphone available
- BLE 5.0 for long range transmission
- User replaceable batteries
- Cloud connection

The system

BlueLOG P-80 data logger does not need of any additional accessory. Just download the Android App and you are ready to start using it.

Accessories

- Bluetooth printer
- BlueLOG/TempNFC/TempBLE wall mount

Technical specifications

Dimensions	67 X 20 X 97 (mm)
Probe dimensions	Cable 90/190 (cm) X 2,8 Ø (mm) - Probe 3 (cm) l X 3 Ø (mm)
Weight	18 g
Temperature range	-30 °C ÷ +60 °C
Sensor temperature range	-80 °C ÷ +20 °C
Standard calibration points (temperature)	-80/-40/0/20°C
Extra calibration points (temperature)	Within standard calibration range
Temperature resolution	0,03 °C
Memory (n. of acquisitions)	8.730
Acquisition step	From 1 every 5 seconds up
Buttons and functions	Immediate reading, start, pairing buttons
Functions	Connection, acquisition and alarm LED
Alarms	Local (acoustic and/or visual)
Communication	Bluetooth BLE 5.0
Battery life	Up to 2 years life with acquisition rate of 15 minutes
Battery type	2 X AAA 1,5 V batteries
Protection degree	IP63
Accessories	Bluetooth Printer
Software&Mobile App	BlueTrails
It requires	Bluetooth 4.0 device or above

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