

DATA LOGGER PATBOX



A highly mobile solution for measuring rapidly and accurately everywhere in production.

The compact device is suitable for measuring and logging of ambient pressure and temperature.

The PATBOX allows the setting and monitoring of machines that work with vacuum, for example inert gas packaging.

This compact instrument with OLED display is really easy to operate: The Patbox does not have to be connected, but instead registers pressure and temperature via integrated sensors.

The measuring range extends from 1 to 2,000 mbar or -20 to 60 °C (-4 to 140 °F). Once initiated via the button or timer, the box registers its measurements at intervals of 100 ms to 12 hours.

The internal flash chip records 600,000 entries: at ten measurements per second, extremely precise progress monitoring over up to 16 hours is also possible in addition to purely random sampling.

Compared to other devices the PATBOX does not communicate via a USB cable but via a NFC wireless connection. The data can be read via a smartphone or tablet app for Android.

Additional special feature: The battery is charged wirelessly on a charging base.



PATBOX



PATBOX charging base

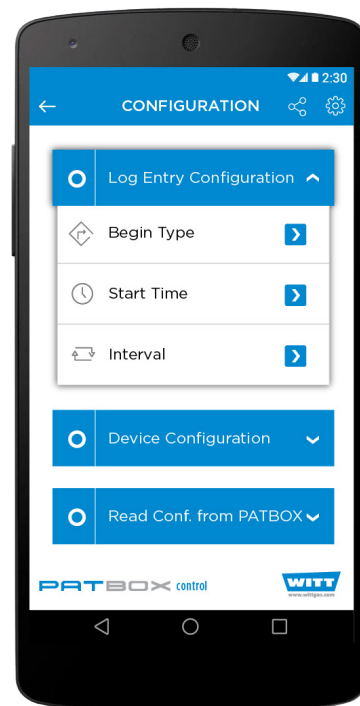
Benefits

- highly mobile and accurately measurement
- extremely small size
- high process reliability
- state-of-the-art sensor technology
- comfortable configuration and software update per Android App
- simple transmission of data via NFC
- large pressure range of 1 to 2 000 mbar
- wide temperature range of -20 to 60 °C (-4 to 140 °F)
- brilliant OLED graphic display
- charging base for wireless charging of the battery

Complete inclusive

- charging base
- readout of data by PATBOX Control App for Android
- operating instructions

* the Android device is not included in the scope of delivery



PATBOX Control App *

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Pressure range	1 to 2 000 mbar (abs)
Pressure accuracy	± 4 mbar
Pressure resolution	1 mbar
Temperature range	-20 to +60 °C (-4 to 140 °F)
Temperature accuracy	± 0.5 °C at -20 to +60 °C (at -4 to 140 °F)
Temperature resolution	0.1 °C
Interval data logger	free interval setting from 100 ms to 12 hours
Acceleration sensor	yes
Memory	flash chip
Number of records	approx. 600,000
Memory capacity	8 MB
Communication	NFC
Software	PATBOX Control App for Android
Language	multilingual
Display	brilliant OLED display with very large reading angle
Activation	by touch of a button, acceleration, countdown [h:mm:ss]
Deactivation	by touch of a button, full memory, battery is discharged
Housing	shock resistant plastic IP55
Weight	< 60 g
Dimensions (HxWxD)	90 x 50 x 20 mm (3.5 x 2.0 x 0.8 inches)
Battery capacity	550 mAh
Run-time	1.5 to 7 days, according to interval data logger
Charging device	scope of delivery
Charging	wireless by Qi standard
Approvals	Company certified according to ISO 9001 and ISO 22000 CE-marked according to: - EMC 2014/30/EU