

BL30 Climate data logger

Simple and exact long-term recording of environmental data

The BL30 is an ultra-compact climate data logger for the long-term recording of air temperature and relative humidity in living, work or storage spaces. For stationary use a lockable wall mount is included in the scope of delivery.

The combination of large memory for 32,000 measured values, a freely adjustable saving interval ranging from 1 second to 24 hours per recording and the alarm function with logging of freely definable upper and lower alarm limits allows innumerable possible applications of the BL30 – e.g. as mandatory test verification for craftsmen, for the cause assessment of damages caused by moisture or mould in rental flats or for the documentation of consistent climate data in archives and storage facilities.

The supplied PC analysis software comes with evaluation and documentation functions for all measured values including time and date as well as alarm incidents.

Since the BL30 is exclusively configured via PC, a manipulation of the configuration by unauthorized persons directly at the measuring device is impossible. Depending on recording interval and surrounding conditions, the durable battery of the BL30 enables autonomous readiness for use over a period of several months.



A few practical benefits

- Autonomous long-term recording of climate data
- Storage for 32,000 measured values
- Freely definable saving interval from 1 second to 24 hours
- Alarm function
- Display of minimum and maximum values incl. time and date
- USB interface for measuring data transfer
- PC analysis software
- Wall bracket with lockable combination lock



Technical data

Article number		3.510.205.520
Air temperature	Measuring range	-40 °C up to 70 °C / -40 °F up to 158 °F
	Accuracy	±2 °C
	Resolution	0.1 °C
Humidity	Measuring range	0 % RH up to 100 % RH
	Accuracy	±3.5 % RH
	Resolution	0.1 % RH
Functions	Minimum value display, Maximum value display, Switching function °C/°F, Alarm function, Date, Time, Freely selectable saving interval from 1 second to 24 hours, Continuous or ring recording max. 32,000 measured values (16,000 each for temperature and humidity)	
Power supply	1 x 3.6 V Li-SOCL ₂ , 14250	
Dimensions	94 mm x 32 mm x 50 mm	
Weight	91 g	
Scope of delivery	Measuring device, Battery(-ies), Bag/Holster, USB connection cable, CD-ROM with Smartgraph PC software, Lockable wall holder, Operating manual	