

Micro Data Logger



Technical Data

Micro Data Logger

Measurement values

Pressure:	0 – 14 bar
Humidity:	0 – 100%RH
Temperature:	-40°C – +85°C

Recording

Interval:	1s ... 10 minutes
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Memory

Capacity:	1Mbit, resp. 16'000 measurements
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Interfaces

RS-232:	115'200 Baud
Infrared: 1	9'200 Baud

Battery 3V Li CR1632

Endurance:	125 mAh
	min. 12 days *

Dimension

Diameter:	20.2 mm
Thickness:	8.6 mm

Docking Station

Interface PC:	USB
PC-Software:	German, French, English, Italian, Spanish

* Depending of the recording intervals

Description

The **Micro Data Logger (MDL)** is a small device for recording data which is capable of recording pressure, temperature and humidity values with great precision.

Thanks to its reduced size, it is now possible for the first time to record environmental parameters both inside and outside a watch casing.

With the aid of a docking station, the recorded values can be read off by infrared-signal, without having to remove the MDL from the casing.

Conversely, you can also parameterise the MDL and prepare it for alternative measurement cycles.

The MDL is completed by corresponding software for the parameterisation of measurement tasks and for displaying the values recorded.

There are virtually no limits to the use of the MDL in the watchmaking and other industries.

Price

CHF 8'000.-- / set, including:
1 MDL, PC software and one docking station

Highlights

- Variations in pressure, temperature and humidity during leak test or during testing of condensation in a watch.
- Variations in pressure, temperature and humidity during shipment of watches, for example from the manufacturer to the dealer.
- Variations in pressure, temperature and humidity in real life situations (work, leisure activities, sports etc.).
- Measurement of temperature and humidity in a swimming pool/sauna and when diving.
- For research and development projects.