



DCMPHT101  
**Compact data logger DCOMPHT101**  
 Compact data logger for pH and Temperature

### Product Description

The data logger DCOMPHT is a cheaper battery powered small data logger. It can be easily programmed via a self-explanatory software for the automatic recording of pH and temperature. There the two measurement results are recorded with date and time. Typical applications include the recording of water quality or use in wastewater treatment. Due to the flexible adjustment of the scale, offset and a physical unit, the compact data logger to nearly all sensors for pH and Pt100 sensors can be adjusted.

### Specifications

- 1 measuring input for pH electrodes and ORP electrodes
- 1 measuring input for Pt100 sensor
- A total of 13,107 events per memory channel
- Easily programmable via software
- Real-Time Operating
- Simple export of the data in EXCEL
- Battery operation

### Product Details

Channels:	1 each measuring channel for pH sensors and Pt100.
Entrance:	Temperature: -200 ° C to +850 ° C, resolution: C + / -0.1 ° 0.01 ° C accuracy Connection with 2 -, 3 - or 4-wire technology. PH: pH 0.00 to 14.00 pH Resolution 0.01 pH Accuracy: + / -0.1 pH, connection via BNC connectors.
Storage:	13,107 events maximum per channel. Circular mode via software.
Capture rate:	1 sample / 2 seconds to 2 measurements / day.
Engineering unit:	Each physical unit with up to 10 characters can be programmed via software and is stored in the device.
Real-time viewing:	The data logger may be used in conjunction with a PC for direct viewing and storage of the measurement data.
Serial interface:	RS232C
Indicator:	An LED on the front that flashes according to the recording rate.
Power supply:	Internal 9 volt replaceable lithium battery with 1 year lifespan.
Time accuracy:	+ / -1 Minute per month at 20 ° C operating temperature when the RS232 interface is not in use.
Data format:	The data will be stamped with the date and time and the programmed via software engineering unit.
Housing:	ABS plastic housing B 115 mm x H 26 mm x D 61st
Software:	Win95/98/NT/2000/XP based for complete programming.

#### Software features:

- First Different graphs: Simultaneous display and analysis of data from multiple measurements. Easily switch to single display.
- Second Real-time recording: display of data in real time while simultaneously storing the data.
- Third Graphical Cursor: One click on the graph immediately shows time, value, parameter or device number.
- 4th Data Table: Continuous access to a table view for the detailed presentation of the measured values.
- 5th Scaling: An automatic scaling function enables the automatic display of all measured values on the screen. Likewise, however, also be scaled manually.
- 6th Formatting: Color illustrations, line properties, and more can be set individually.
- 7th Statistics functions: average, minimum and maximum value, variance, etc. can be produced simply by a click and displayed.
- 8th Export the data: The data can be exported in different formats. The export to Excel ® is a single click.
- 9th Interface: The interface with all the features is determined automatically.
- 10th Configuration: The sampling rate, start and stop times can be set easily.
- 11th Expression: The data can be printed as a graph or table.

**The data logger can be used only with the interface cable (USB) DCMIFC200**