LABORATORY HYGROMETER

PCE-HT 300



- **7" touch screen**
- **16 GB of memory**
- **storage as CSV**
- **measures temperature, dew point and humidity**
- **micro USB interface**
- **battery and mains operation**

Laboratory Hygrometer
When storing the goods and during the monitoring of the processes, it is extremely important to be able to continuously record and evaluate the measurement data such as temperature, dew point and relative humidity over a longer period of time. The collected data provide the producers and customers in many branches with an important information about the product quality. For such tasks, an ideal auxiliary tool is the user-friendly laboratory hygrometer from PCE Instruments with a clear 7-inch display, which impresses with its modern design and is therefore popular not only in the laboratories, but also in educational institutions, production facilities and research institutions.

The laboratory hygrometer records temperature, dew point and humidity reliably and accurately and stores the measurement data in an internal 16 GB memory in the CSV format. The large memory of the laboratory hygrometer can be easily read out via the micro-USB interface.

The measuring range of the laboratory hygrometer for temperature and dew point is between -10 and +80 degrees Celsius. Humidity is measured by the laboratory hygrometer in the range between 0 and 100% relative humidity. All the values are shown on the display of the data logger in a good-readable format. The manufacturer has equipped the laboratory hygrometer with a 7-inch touch display, which has various, clear display modes.

Specification

Dew point	
Measuring range	-10 ... +80 °C
Resolution	0,1 °C
Accuracy	±0.5°C
Relative humidity	
Measuring range	0 ... 80 % RH
Resolution	0,1 % RH
Accuracy	±2 % RH
Temperature	
Measuring range	-10 ... +80 °C
Resolution	0,1 °C
Accuracy	±0.5 °C

General technical data	
Display type	Touch screen
Display size	7 in
Storage medium	Internal memory
Storage capacity	16 GB
Memory capacity (additional information)	Storage format: CSV
Interface	Micro-USB
Operating time	5 Year(s)
Dimensions	Sensor cable length: 200 cm
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	5 V / 2 A
Connector type	Device-europlug
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	3000 mAh
Operating conditions	-10 ... 80 °C , 0 ... 100 % RH
Storage conditions	-10 ... 80 °C , 0 ... 80 % RH
Dimensions (L x W x H)	180 x 115 x 19 mm
Weight	450 g