

TM-185D Temperature/Humidity monitor



- Temperature and relative humidity
- Real time data
- Large LED display
- Data logging capacity 30000 records
- Alarm set for Hi and Low limit-Temperature and Humidity
- USB interface

MEATEST

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Temperature

Temperature range: -20 ... 60 °C
Temperature accuracy: 1 °C (in range -5 ... 40 °C)
2 °C (outside the range -5 ... 40 °C)
Temperature resolution: 0.1 °C
Update rate: 1s

Relative humidity

Humidity range: 5 - 95 % r.v.
Humidity accuracy: 2 % (in range 25 °C, 35 ... 80 % r.v.)
2.5 % (in range 25 °C, 10 ... 35 and 80 ... 90 % r.v.)
5 % (pro 25 °C, other ranges)
Humidity resolution: 0.1 %
Update rate: 4s

Data logger capacity 30000 samples
Power supply AC/DC adapter 9V/1A, backup battery 9V
Interface USB
Size 260 x 178 x 47 mm
Weight 1000 g
Other functions temperature and humidity alarm limits
PC user software (CD ROM)

TM-185D is measuring instrument, which measures, displays and saves information about reference conditions in laboratories. It measures ambient temperature and relative humidity. Wide time range of ambient conditions can be scan and recorded by setting of appropriate interval of recording. When power line supplying is interrupted, monitor operates from internal back-up source without losing any formerly stored data.

TM-185D can be used independently or as a part of automated calibration systems. It is supported by calibration software WInQbase. Basic delivery contains the instrument with temperature/humidity sensor, AC/DC adapter and software for transferring of measured values to a PC. The instrument ensures the requirements of standards ISO 9000/45001, which calibration laboratory have to fulfil.