



COMET SYSTEM, s.r.o.

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C3121 Thermo-hygrometer



code: C3121

Thermometer, hygrometer is designed for direct measurement of temperature, relative humidity.

Audio and optical alarm of measured values.

Memory of minimum and maximum measured values.

Function Hold - manual storing of actual values for later displaying.

LCD backlight.

Simultaneous reading of temperature and relative humidity, dew point temperature reading selectable, external temperature-humidity probe with 1meter cable. Cable lengths 2 and 4 meters available optionally.

Included in delivery:

- Traceable calibration certificate
- 9V battery
- Instruction manual
- Plastic transport case
- Connector for external ac/dc adapter

Technical Data

Technical parameters	Value
Measured Value	Temperature + Relative Humidity
Construction Type	With T+RH Probe on Cable
Temperature Measuring Range	-30 to 105 °C
Data Logging Function	No
Operating temperature range	-10 to +60°C
Temperature sensor	RTD Ni1000/6180ppm
Accuracy of temperature measurement with built-in sensor	±0.4°C
Accuracy of air humidity measurement	±2.5%RH from 5 to 95% at 23°C, resolution 0.1%
Accuracy of dew point measurement	1.5 °C at ambient T < 25°C and RH>30%, range -60 to +80 °C
Power	battery 9V

Battery life	4 months typically
Dimensions	141 x 71 x 27 mm, probe length 135mm, probe diameter 18mm
IP protection	IP20
Weight including battery without probe	approximately 150 g
Warranty	3 years