



**COMET SYSTEM, s.r.o.**

Bezrucova 2901

756 61 Roznov pod Radhostem

CZECH REPUBLIC

Tel.: +420 571 653 990

E-mail: [info@cometsystem.com](mailto:info@cometsystem.com)

## C3631 Thermo-hygrometer



code: C3631

High accuracy thermometer - hygrometer. Audio and optical alarm of measured temperature.

Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. 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	For One Internal and External Temperature Probe
Temperature Measuring Range	-50 to 250 °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 temperature input without external probe:	±0.2°C from -50 to +100°C ±0.2% from reading from +100 to +250°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
IP protection	IP20
Weight including battery	approximately 150 g
Warranty	3 years