

WATERPROOF THERMO / HYGROMETER PWT-105

- Used for accurate relative air humidity and temperature measurements.
- The measurement is made with a high accuracy sensor.
- The meter additionally determines the dew point.
- Minimised size, good accuracy.
- Waterproof housing (IP-67).
- It is possible to choose head with the following humidity sensors:
 - GH-105** with a humidity sensor, without cable,
 - GH-105 k** with a humidity sensor and cable,
 - GH-105 p** with a humidity sensor and connector for a surface temperature probe added – comparing the surface temperature with the dew point enables to decide whether painting on the surface in existing conditions is advisable.
- Automatic switch off function protects the batteries against discharging.
- Warranty 24 months.



RH range	0 ÷ 100% RH*
RH resolution	0,1%
Accuracy	In range 10 ÷ 90% ±3 % RH beyond this range ± 4% RH
RH sensor reaction time: t_{90}	< 10s
Hysteresis	< 1% RH
Sensor long term drift	0,5% RH/year
Temperature range	-40 ÷ 70 °C
Temperature resolution	0,1°C
Temperature accuracy	±0,8 °C
Sensor	SHT-75
Dew point range	-199,9 ÷ 70 °C
Temp. Range of the surface	-50 ÷ 100 °C
Power	3 x 1,5V (LR44) batteries
Dimensions (mm)	L=152 φ 26
Weight (g)	55 (with head GH-105)

*condensation of water on the sensor requires drying, wet sensor has wrong indications.