

MOISTURE METER FOR CONCRETE WIP-23B



Professional moisture meter HYGROPEN can be used in wood and building industries. It is designed for measuring moisture contents in **wood** and **building materials, air humidity** and **temperature**. The measurement of wood moisture contents includes wood type and temperature compensation. Humidity and temperature are measured using state-of-the-art professional sensors.

The instrument can be delivered with a calibration certificate issued by the Regional Institute of Weights and Measures in Krakow.

Specially designed LCD and the use of a microprocessor provide high accuracy and ease of use. The device is small and has an oblong, pen-like shape (160 x 27 x 15 mm).

Technical data

Range	
humidity	0 - 100 % RH
air temperature	from - 5°C to 50°C
wood moisture cont.	6 - 60 % absolute moisture content
build. mat. moisture cont.	indicator
dew point temp.	from -9° to 50°C
Resolution	
humidity	0.5 % RH
air temperature	0.5°C (0.5°F)
wood moisture cont.	0.1%
build. mat. moisture cont.	indicator (dry/wet)
dew point temp.	1°C (1°F)
Accuracy	
humidity (at 20°C)	± 2% within range 20 – 85% RH ± 3% in other parts of range
air temperature	± 1°C (±2°F)
wood moisture cont.	± 1% within range 6 – 15% ± 2% within range 16 – 28% above 28% - approximate only
build. mat. moisture cont.	indicator
dew point temp.	± 1°C (±2°F)
Number of wood types	3 groups (12 common + 270 exotic types)
Wood temp. range	0°C - 50°C
Display	LCD
Electrodes	φ 2.0 x 8 mm (2 pcs. and concrete nails)
Power	1 * 12V (battery 23A + 1 spare)
Battery life	10.000 measurements
Low battery warning	yes
Auto power off	yes, after 5 min.
Size	160 x 27 x 15 mm