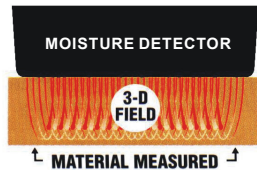


Handheld Moisture-content Meter H6300



- ◆ Non-contact measurement of wood and concrete samples
- ◆ Modern electromagnetic measurement principle
- ◆ Measurement depth 1...7 cm
- ◆ Entirely eliminates temperature influence
- ◆ Integral moisture-content value measurement
- ◆ Very fast measurement
- ◆ Low price

H6300 by COMECO is designed to measure moisture content of wood or concrete samples, employing an electromagnetic measurement principle. With the help of a sensor detecting variations of electromagnetic field within sample, the device measures moisture content even without an electrical contact with the sample. To perform a measurement, simply place the moisture detector on even sample surface.



A correction table for measurement correction for various types of wood and concrete is supplied with the moisture meter. H6300 may be used for other similar materials if their specific weight when completely dry is known. The moisture detector is equipped with a 16-dot LED display for exact reading of moisture in 1% steps, and is powered by an alkaline or rechargeable 9 V battery. An exceptionally lightweight and compact device, H6300 is especially suited for measurement of thin samples as well as for fast and frequent measurements.



Technical specifications

Input

Input type	electromagnetic
Measurement range	4...22% moisture content
Temperature range	-20...100 °C
Sample material type	up to 100 different types
Temperature influence	none
Surface-moisture interference	insignificant
Static-charge interference	insignificant

Accuracy

Measurement error	± 1%
Temperature drift	0.05% from span for 1 °C
Supply-voltage variation influence	0.05% from span for 1 V
Factory calibration	fixed
Correction for other material	manual, via correction table

Measurement requirements

Minimum sample area	2 x 7 cm
Minimum sample thickness	13 mm
Measurement time	1 s

⁽¹⁾ Not included

Ordering code H6300*

Code	Feature or option	Code values
*	Variant	W - for wood, C - for concrete ⁽²⁾

⁽²⁾ Ask for availability!

Indication and controls

Bargraph display	16 LED dots
Keyboard	1 membrane key

Power supply

Supply voltage	9 V from battery 6F22 ⁽¹⁾
Consumption	less than 3 mA
Battery state control	automatic

Design and materials

Material	plastic
Dimensions	65x112x22 mm
Weight	max. 120 g
Protection class	IP44

Operating conditions

Ambient temperature	-10...65 °C
Ambient humidity	0...85 %RH