

RESISTIVE MATERIAL MOISTURE METER



HIGHLIGHTS:

- o 494 material characteristics
- o including calibration protocol

WOOD, PLASTER, BUILDING MOISTURE MEASUREMENT

GMH 3810

Item No. 600350

Resistive material moisture meter with integrated probes

GENERAL:

Thanks to the integrated, interchangeable measuring probes, a large number of measurements can be carried out without additional accessories. For measuring hard materials, we recommend the components listed under accessories.

TECHNICAL SPECIFICATIONS:

Measuring principle	
Moisture:	Resistive material moisture measurement according to DIN EN 13183-2: 2002
Internal temperature:	NTC
Characteristic curves:	494 material characteristics
Measuring range	
Moisture:	0.0..100.0 % material moisture 0.0..50.0 % water content (depending on the respective material characteristic)
Temperature:	-25.0 .. + 50.0 °C (-13.0 .. + 122.0 °F)
Moisture evaluation:	in 9 levels (wet ... dry)
Resolution:	0.1 % or 0.1 °C (0.1 °F)
Device accuracy (at nominal temperature = 25 °C)	
Wood:	± 0.2 % material moisture (deviation from the respective characteristic in the range 6..30 %)
Building material:	± 0.2 % material moisture (deviation from the respective characteristic)
Temperature compensation:	automatically or manually
Measuring probe:	2 pin holders M6 x 0.75 with 19 mm measuring pins (12 mm usable length)
Permissible working temperature:	-5 .. + 50 °C (material not frozen)
Storage temperature:	-25 .. + 70 °C
Relative moisture:	0..95 % RH (not condensing)
Display:	two 4-digit LCD
Sort:	The choice of materials is limited to up to 8 favorites
Power supply:	9V battery
Battery life:	approx. 120 h
Housing	Made of impact-resistant ABS, membrane keyboard, transparent panel, integrated pop-up clip
Dimensions:	142 x 71 x 26 mm (H x W x D)
Weight:	175 g
Scope of delivery:	Device, battery, test report, operating instructions

ACCESSORIES OR SPARE PARTS:

GST 3810
Item No. 601392
Replacement measuring needles for GMH 3810/GMR 110

GMK 3810
Item No. 603070
Measuring cable, 2 x banana plugs and 2 x connection sockets, 1 m. Enables the connection of accessories (except GSF38 ..., GTF38 and GES38) to a GMH 3810 or GMR 110.

PORTABLE INSTRUMENTS

SOFTWARE

ACCESSORIES

ALARM / PROTECTION, LEVEL