

RESISTIVE MATERIAL MOISTURE METER



HIGHLIGHTS:

- 494 material characteristics
- 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.

