

MOISTURE COMPLET SET

**GMH 38-LW1-TF**

Art. no. 606470

GMH 38-LW1-TFK

Art. no. 606462

GMH 38-LW2-TF

Art. no. 606471

GMH 38-LW2-TFK

Art. no. 606463

moisture meter set for agriculture

General:

Measuring device for fast moisture analysis in lumps and bulks. Universally applicable tool damage prevention and quality assurance.

The more than 1 m long insertion probe with integrated temperature sensor is very good for measuring in hay and straw lump and bulk suitable. Material humidity and temperature can be easily determined by piercing the object.

Application:

- Hay, flax
- Straw, cereals
- Wood chips
- Wheat
- Barley

the simple humidity indication is done in nine steps.

Specifications:

Device:	GMH 3831 or GMH 3851, see page 46
Einsteckfühler:	GSF 50, GSF 50K, GSF 50TF, GSF 50TFK, see page 47
Scope of supply	
GMH 38-LW1-TF:	GMH 3831, GSF 50 TF, battery, manual
GMH 38-LW1-TFK:	GMH 3831, GSF 50 TFK, battery, manual
GMH 38-LW2-TF:	GMH 3851, GSF 50 TF, battery, manual
GMH 38-LW2-TFK:	GMH 3851, GSF 50 TFK, battery, manual



AUTOHOLD

AUTOOFF

HOLD

RESISTIVE MATERIAL-MOISTURE MEASURING DEVICE



HIGHLIGHTS:

- 494 characteristic curves
- incl. calibration protocol

FOR WOOD AND
BUILDING MATERIALS

GMH 3810

Art. no. 600350

Resistive material moisture measuring device with integrated probes

General:

The measuring pins integrated on the reinforced front numerous measurements can be done without additional accessories. For measuring of very hard materials we suggest the components shown at the accessories section.

Specifications:**Measuring principle:**

Moisture: resistive material-moisture-measuring according to DIN EN 13183-2:2002

Temperature internal: NTC

Curves: 494 material characteristics

Measuring range:

Moisture: 0.0 ... 100.0 % moisture content
0.0 ... 50.0 % water content
(depending on characteristic curve)

Temperature: -25.0 ... +50.0 °C (-13.0 ... +122.0 °F)

Estimation: in 9 steps (dry ... wet)

Resolution: 0.1 % or 0.1 °C (0.1 °F)

Accuracy device: (at nominal temperature = 25 °C)

wood: ±0.2 % moisture content
(deviation from characteristic curve at range 6 ... 30 %)

building material: ±0.2 % moisture content (deviation from characteristic curve)

Temperature compensation: automatically or manual

Measuring probe: 2 pin holders M6 x 0.75 with 19 mm pins (12 mm utilisable)

Perm. working temperature: -5 ... +50 °C (not frozen)

Storage temperature: -25 ... +70 °C

Relative humidity: 0 ... 95 % RH (non-condensing)

Display: two 4-digit LCDs

Sort: the material selection is restricted to up to 8 favorites

Power supply: 9 V battery

Battery life: approx. 120 h

Housing:

Impact-resistant ABS plastic housing, 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 supply:

Device, battery, calibration protocol, manual

Accessories and spare parts:**GST 3810**

Art. no. 601392

Replacement pins (10 pieces) for GMH 3810 / GMR 110

**GMK 3810**

Art. no. 603070

1 m connection cable with 2 x banana plugs and 2 adapters. Allows connection of accessories (except GSF38..., GTF38 and GES38) on GMH3810 / GMR110.

