GREISINGER
Member of GHM GROUP

Material Moisture

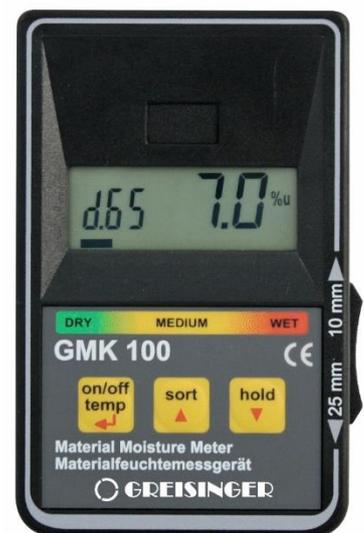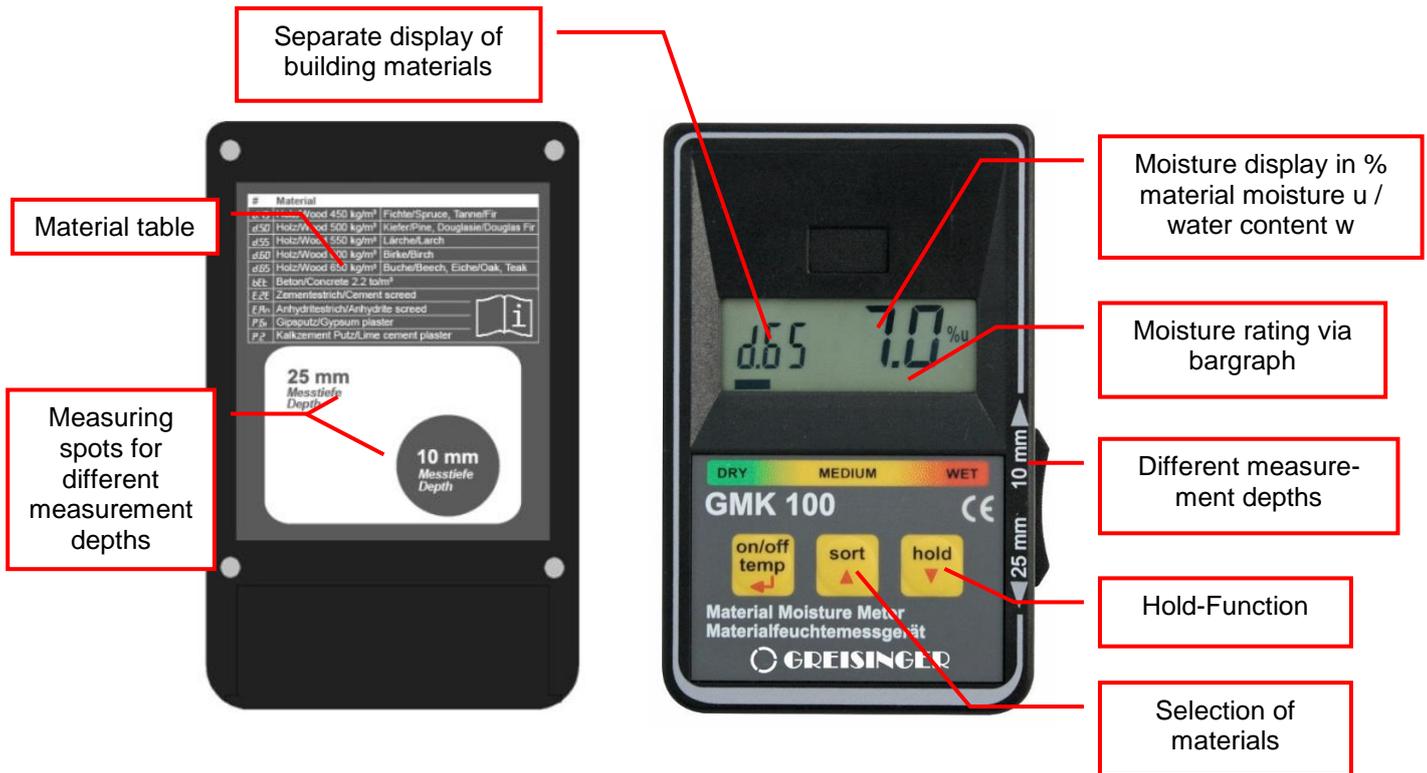# Capacitive moisture measurement device GMK 100 for wood and buildings

Features

- Non-destructive measurement
- Moisture display in percent
- Acoustical and visual moisture rating
- Special material characteristics for wood and building materials
- 2 different measurement depths
- Backlight

Application

- Wood
- Concrete
- Screed
- Plaster
- etc.

Separate display of building materials

Material table

Measuring spots for different measurement depths

Moisture display in % material moisture u / water content w

Moisture rating via bargraph

Different measure-ment depths

Hold-Function

Selection of materials

General

The GMK 100 is a capacitive material moisture meter with direct moisture display in percent. It is optimally suited for home and handicraft.

Depending on the application, it is possible to display the material moisture "u" or the water content "w".

For measuring, the device simply has to be placed on the material. According to this concept, the material to be measured remains without damage.

In cooperation with well-known construction material manufacturers, special characteristic curves for wood and building materials were analyzed.

There are integrated characteristic curves i.e. for wood with different densities (from 500–1000 g/m^3), concrete, cement- and anhydride screed as well as gypsum or lime cement plaster.

Measuring Depth

The moisture is measured by a measuring plate on the back of the device. With a side-mounted switch the measuring depth can be changed. With the help of measurements in different depth a statement could be made if for example the material dries already or if the moisture is just on the surface of the material.

Moisture Rating

Additional to the measured value there is a moisture rating: the decision if ″wet″ or ″dry″ is done by a 6-step bar graph. Beside there is also an acoustical rating. The rating is just an approximate value and depends on the application of the measured material.

Technical Data

Measuring range	Water content (w): 0,0 ... 50% Material moisture (u): 0,0 … 100% (wood) 0,0 … ~8,0 (concrete etc.)
Moisture rating	6-step bar graph (wet … dry)
Measurement depth	10 mm / 25 mm
Power supply	9V block battery (Type 6F22 included in the delivery)
Further features	Backlight, acoustical and visual moisture rating, HOLD, Auto-Power-Off