

## Measuring device moisture in wood and buildings



### GMK 100

Measuring device moisture in wood and buildings

#### General:

The GMK 100 is a capacitive material moisture measuring device with direct moisture display in percent. It is optimally suited for home and handcraft. Depending on the application, it is possible to display the material moisture "u" or the water content "w".

The humidity is measured by a measuring plate on the back of the device. With a side-mounted switch the measuring depths 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.

#### Application:

Humidity measurement and indication of Wood, Concrete, Screed, Plaster, etc.

#### Features:

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

#### Specification:

<b>Display:</b>	2 displays for material and measured value, in % material moisture or in % moisture content, backlight
<b>Moisture rating:</b>	
<b>Visual:</b>	Rating of the moisture in 6 levels from WET to DRY
<b>Acoustic:</b>	Signal tone
<b>Measurement depths:</b>	10 mm and 25 mm
<b>Materials:</b>	18 characteristic curves for wood (with assignment label for wood species) and popular materials, additionally reference curve (rEF) for high-resolution relative measurements
<b>Working temperature:</b>	-25 ... 50 °C (not frozen)
<b>Storage temperature:</b>	-25 ... 70 °C
<b>Power supply:</b>	9 V-battery (Type IEC 6F22)
<b>Power consumption:</b>	approx. 0.12 mA
<b>Power backlight:</b>	approx. 2.5 mA (Auto-Off)
<b>Functions:</b>	Used-battery-display, Auto-Off-Function, Hold
<b>Housing:</b>	impact-resistant ABS plastic housing, plastic foil keyboard, clear screen, front: IP65
<b>Dimensions:</b>	approx. 106 x 67 x 30 mm (H x W x D)
<b>Weight:</b>	approx. 145 g (incl. battery)

#### Accessories and spare parts:

<b>PW 25</b>
Testing probe to control the device

## Material moisture measuring device for caravan and boat



### GMK 210

Material moisture measuring device for caravan and boat

#### General:

The GMK 210 is a capacitive material moisture measuring device with direct moisture display in percent. It is optimally suited for home and handcraft. Depending on the application, it is possible to display the material moisture "u" or the water content "w".

The humidity 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.

#### Application:

Humidity measurement and indication of Wood, GFK (glass fiber reinforced plastic)

#### Features:

- Non-destructive measurement
- Moisture display in percent
- Acoustical and visual moisture rating
- 14 material characteristics for wood and GFK
- 2 different measurement depth
- Backlight
- Search mode for quickly locating humidity and the like

#### Specification:

<b>Display:</b>	2 displays for material and measured value, in % material moisture or in % moisture content, backlight
<b>Moisture rating:</b>	
<b>Visual:</b>	Rating of the moisture in 6 levels from WET to DRY
<b>Acoustic:</b>	Signal tone
<b>Measurement depths:</b>	10 mm and 25 mm
<b>Materials:</b>	14 characteristic curves for wood (with assignment label for wood species) and GFK, insulating materials i.e. Styropor; additionally reference curve for high-resolution relative measurements
<b>Working temperature:</b>	-25 ... 50 °C (not frozen)
<b>Storage temperature:</b>	-25 ... 70 °C
<b>Power supply:</b>	9 V-battery (Type IEC 6F22)
<b>Power consumption:</b>	approx. 0.2 mA
<b>Power backlight:</b>	approx. 2.5 mA (Auto-Off)
<b>Functions:</b>	Used-battery-display, Auto-Off-Function, Hold
<b>Housing:</b>	impact-resistant ABS plastic housing, plastic foil keyboard, clear screen, front: IP65
<b>Dimensions:</b>	approx. 106 x 67 x 30 mm (H x W x D)
<b>Weight:</b>	approx. 145 g (incl. battery)

#### Accessories and spare parts:

<b>PW 25</b>
Testing probe to control the device