

# GREISINGER — electronic —

# Material moisture measurement for boats and caravans

### Product information

# **GMK 210**

#### 04/2012

## Detect moisture - avoid damage early on

#### Application

- Use search mode to find moist spots
- Measure and evaluate moist spots in GRP, wood and insulating materials during
  - surface treatment
  - application of paint or coatings
- Condition and damage evaluation
- Observation of drying processes
- Inspection to determine success of the applied measures
- Simple status inspection for evaluators and experts

#### Features

- Non-destructive measurement method
- Moisture display as a percent
- Acoustic and visual moisture evaluation
- Special characteristic curves for wood and GRP
- Two different measuring depths
- Search mode
- Backlighting

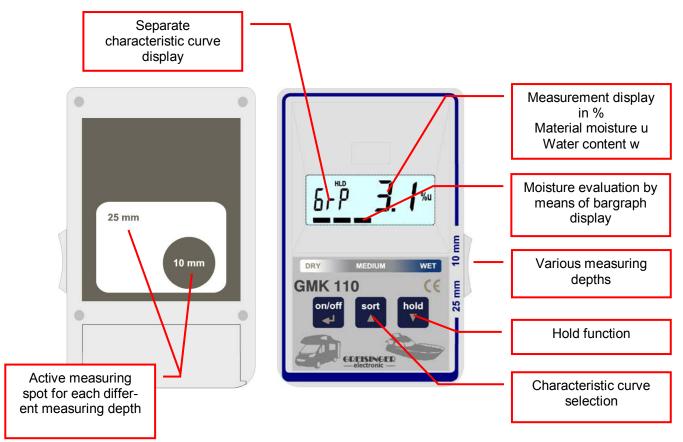




# **GREISINGER** electronic GmbH







#### General

The GMK 210 is a capacitive material moisture measuring device with special GRP characteristic curve. It is, thus, an indispensable tool for the early detection and prevention of moisture dam ages in caravans, camper vans and m otor hom es, boats, etc. Moisture is measured and evaluated by means of a measuring surface located on the rear of the device. In addition to a search mode for finding pr oblem ar eas, the device al so features two adjustable measuring depths (10 mm and 25 mm), thereby facilitating measurements on par ts o f wooden frameworks and insulation, e.g., to maintain guarantees of watertightness.

To measure, the device is simply placed on the material. The material that is to be measured is neither destroyed nor damaged in the process.

Integrated characteristic curves are included for wood of various densities (from  $450-1000 \text{ g/m}^{3)}$ , G RP, lightweight insulating materials such as S tyrofoam, and, in addition, a reference characteristic curve.

#### Measuring depth

The measurement is performed by means of a measuring surface located on the r ear of the device. A switch located on the side of the device can be us ed to change the measuring depth. By using measurements from various measuring depths, it is possible to draw c onclusions as t o whether t he m aterial is a lready dried out or if the moisture is present only at the surface.

#### **Moisture evaluation**

In addi tion t o t he measurement value, a m oisture evaluation is di splayed: f or most appli cations, t he troublesome work of referring to the literature and tables to decide whether the material is "wet", "dry" or somewhere in between is thereby eliminated. In addition t o the moisture evaluation by means of a ba rgraph display, an acoustic moisture evaluation is also integrated. The di splay i s t o be c onsidered a gui de value; the final as sessment is dependent on, am ong other things, the material's field of application.

Measurement ranges	Water content (w): 0.0 50% (wood)
	Material moisture (u): 0.0 100% (wood)
Moisture evaluation	6-level bargraph display (wet dry)
Measuring depths	10 mm / 25 mm
Power supply	9 V battery (included in delivery contents)
Features	Backlighting, acoustic and visual moisture evaluation, hold function, auto-off function

## Technical data