

Material Moisture

10/2021

Capacitive moisture measurement device GMK 210 for caravan and boat

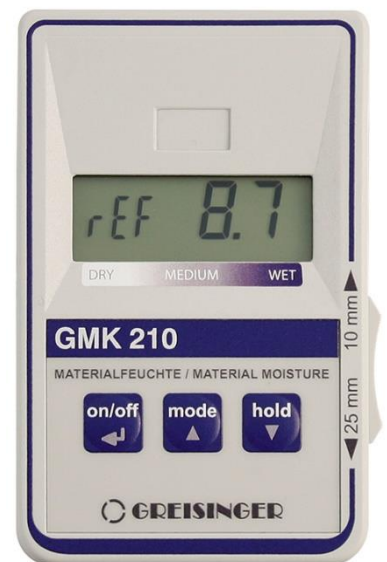
Detect moisture -avoid damage early on

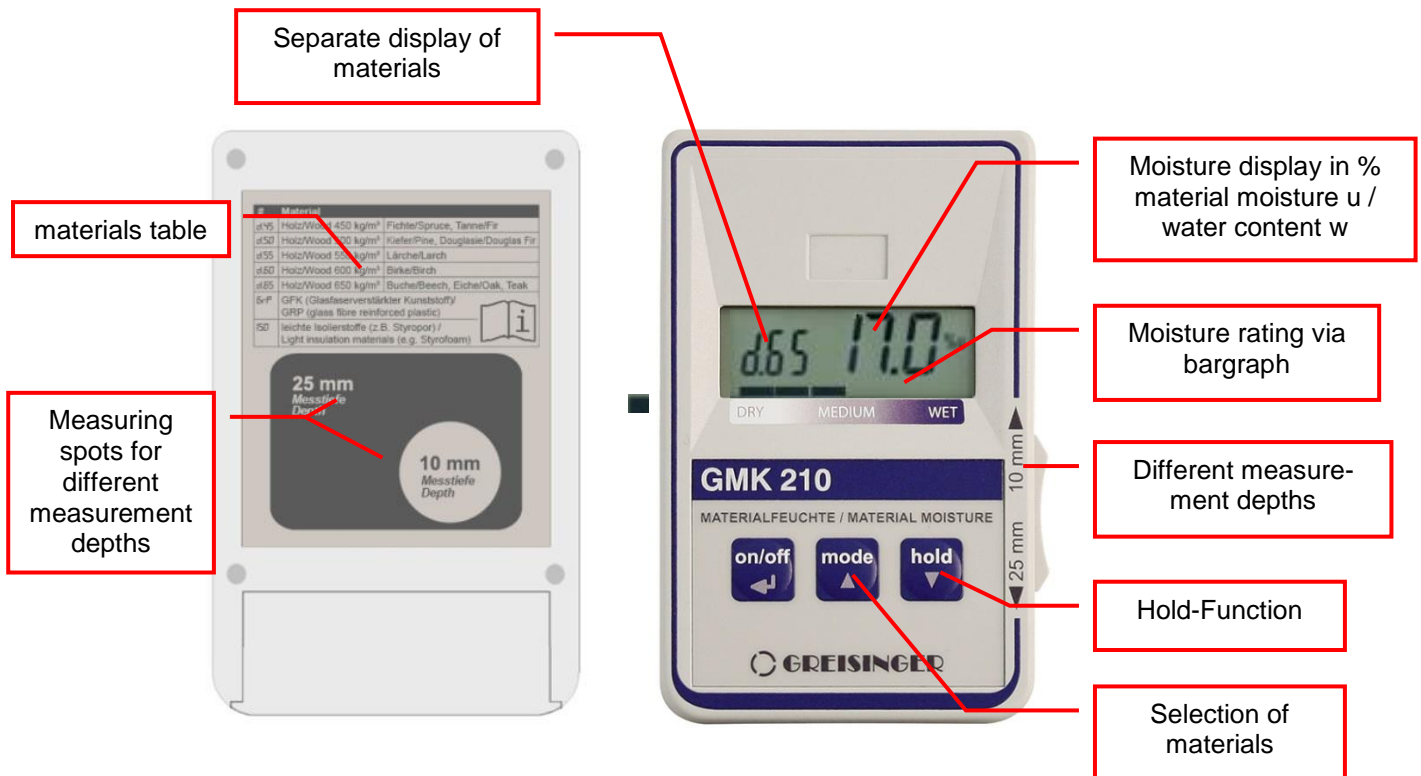
Application

- 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 repairs
- Simple 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
- Backlight





General

The GMK 210 is a capacitive material moisture meter with special GRP characteristic curve. It is, thus, an indispensable tool for the early detection and prevention of moisture damages in caravans, camper vans and motor homes, 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 problem areas, the device also features two adjustable measuring depths (10 mm and 25 mm), thereby facilitating measurements on parts of wooden frameworks and insulation, e.g., to maintain guarantees of water tightness. 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 g/m³), GRP, light-weight insulating materials such as Styrofoam, and, in addition, a reference characteristic curve.

Measuring Depth

The moisture is measured by a 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)
Moisture rating	6-step bar graph (wet ... dry)
Measurement depth	10 mm / 25 mm
Power supply	9V block battery (included in the delivery)
Features	Backlight, acoustical and visual moisture rating, HOLD, Auto-Power-Off