

MoistureMaster Compact Plus



Professional measuring device for ascertaining material moisture with Bluetooth interface

Rev.0317



- **Non-destructive measurement of material moisture** by capacitive measurement. The tested material is not damaged.
- **Bluetooth interface** for measurement data transfer
- **Simple handling:** select material type then place the instrument on the material's surface to determine moisture content in %.
- **62 selectable material characteristics:** 56 wood and 6 building material types
- **CM mode** for evaluating cement screed and anhydrite screed in CM% (comparable with CM method)
- **Index mode and Index Zoom mode:** Comparison measurements can be made in Index mode and Index Zoom mode to reveal increasing or decreasing moisture based on a neutral scale.
Index mode: General measuring range for various different wood / building materials / composites
Index Zoom mode: Special measuring range for hard building materials (concrete, screed)
- **AutoHold function:** As soon as the measured value is stable, it is automatically held on the display. This is signalled visually and acoustically.
- **Illuminated dot matrix display:** flexible representation of measured values as well as texts.
- Menu system and material names in 25 languages
- **LED wet/dry indicator:** 12 colour LEDs (green = dry, yellow = moist, red = wet) provide immediate information about the tested material's degree of moisture or dryness.
- **Wet alarm:** in addition to the red LED indication, a warning tone will be sounded for wet material.

TECHNICAL DATA

MEASUREMENT PRINCIPLE
Capacitive measuring principle

MATERIAL CHARACTERISTICS
6 building materials characteristics
56 wood characteristics

MATERIALS / MEASUREMENT RANGE
Cement screed: 0%...5%
Anhydrite screed: 0%...3,3%
Gypsum plaster: 0%...23,5%
Aerated concrete: 0%...66,5%
Concrete: 0%...5%
Lime malm brick: 0%...5,5%
Cement screed: 0%...3,8% CM mode
Anhydrite screed: 0%...3,1% CM mode
Wood: 0%...56,4%

ACCURACY
Wood and building materials:
± 0,5% from the end value ± 10 digits

OPERATING CONDITIONS 0 ... 40°C,
85%rH, no condensation,
max. altitude 2000 m

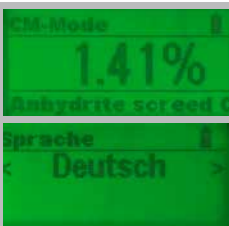
STORAGE CONDITIONS -10 ... 60°C,
85%rH, no condensation

RADIO MODULE OPERATING DATA
Bluetooth LE 4.x interface
Frequency band: ISM band 2400–
2483.5 MHz, 40 channels; Transmission
power: 10 mW; Bandwidth: 2 MHz; Bit
rate: 1 Mbit/s; Modulation: GFSK/FHSS

POWER SUPPLY
1 x 6LR61 9 V

WEIGHT 226 g

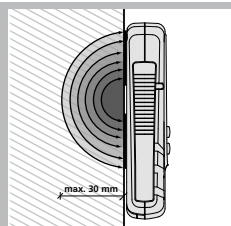
DIMENSIONS (W x H x D)
81 mm x 154 mm x 36 mm



Illuminated dot matrix display



12 position wet/dry LED indicator



MoistureMaster Compact Plus
inclusive carrying case
+ battery

Packing dimension (W x H x D)
155 x 265 x 81 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
MoistureMaster Compact Plus	082.334A	4 021563 699865	5

