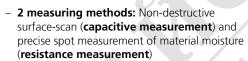# Laserliner
MultiWet-Master Compact Plus

Universal material moisture and humidity measuring device with fold-out indoor climate sensor and Bluetooth interface

Rev18W04

20%...90% rH

– **2 measuring methods:** Non-destructive surface-scan (**capacitive measurement**) and precise spot measurement of material moisture (**resistance measurement**)

– **Material groups:** selection of various material groups (wood and building materials) increase the device's measuring accuracy for material-specific measurements.

– Measurement of **ambient temperature, relative humidity and calculation of dew point temperature** by means of fold-out climate sensor

– **Index functions for optimum analysis of different material categories** (construction materials, wood and composite materials)

– **12-position wet/dry indicator** with programmable limit values for quick assessment

– **Auto-HOLD function** to hold the last stable measured value

– **Self-test function:** The instrument's accuracy can be tested by performing a reference measurement with the protective cap.

– **Bluetooth interface** for transferring measured data and for device parameterisation

– **Illuminated, clearly arranged LC display**

TECHNISCHE DATEN

MEASUREMENT PRINCIPLE / SENSOR
Resistance measuring principle, Capacitive measuring principle, Humidity, Ambient temperature

MATERIALS 108 types of wood, 31 types of building material

ACCURACY (ABSOLUTE)
Resistance measuring principle
Wood: ± 1% (5% … 30%)
           ± 2% (<5% and >30%)
Building materials: ± 0,15%
Capacitive measuring principle
Wood: ± 2%
Room climate measurement
± 2°C (-10°C … 60°C)
± 3% (20% … 90%)

DEW POINT DISPLAY -20°C … 60°C

OPERATING CONDITIONS 0°C … 40°C, Max. humidity 85%rH, no condensation, Max. working altitude 2000 m above sea level

STORAGE CONDITIONS -20°C … 70°C, Max. humidity 80%rH

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

POWER SUPPLY 1 X 6LR61 9V

DIMENSIONS
77 mm x 193 mm x 35 mm

WEIGHT (incl. battery) 258 g

DRY   WET
MENU
MODE   SET

Precise spot measurement and non-destructive surface scan

12-position wet/dry LED indicator

Fold-out indoor climate sensor

MultiWet-Master Compact Plus
inclusive carrying case
+ battery
+ protective cap with self-test function

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

ARTIKEL	ARTICLE-NO	EAN-CODE	PU
MultiWet-Master Compact Plus	082.390A	4 021563 694440	2

Bluetooth   9V   HARD