sauermann®

Supplied with ADJUSTMENT certificate

HM 50

Pin moisture meter

IP54

Easy to use

Compatible with 4 types of materials: wood type 1, wood type 2, plaster and brick/concrete

HOLD — **Hold function**

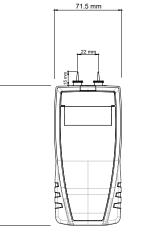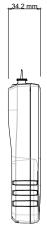**OFF** — **Auto shut-off: 20 minutes**

Features of housing

Material	ABS
Protection	IP54
Display	2 lines, LCD technology, 50 x 36 mm. 1 line of 5 digits with 7 segments (value) 1 line of 5 digits with 16 segments (unit)
Height of digits	Values: 9.2 mm. Units: 4.7 mm
Weight	200 g (with batteries)

71.5 mm   34.2 mm   22 mm   15 mm   147.9 mm

Technical specifications

Number	Material	Detail	Measuring range	Accuracy[1]
M1	Wood type 1	Birch, Beech, Spruce, Larch, Walnut, Cherry	From 10 to 90%	±1%
M2	Wood type 2	Oak, Pine, Maple, Ash, Oregon pine	From 9 to 90%	±1%
M3	Plaster	-	From 0.1 to 15%	±1%
M4	Brick and concrete	-	From 0.1 to 15%	±1%

Conditions of use (°C/%RH/m)	From 0 to +50 °C. In non-condensing conditions. From 0 to 2000 m.
Storage temperature	From -20 to +80 °C
Power supply	4 batteries AAA LR03 1.5 V
Battery life	180 hours
European directives	2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE

[1] All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

Kit content

Instruments are supplied with an adjustment certificate, 2 probes sets, a soft case and a protection cap.

Accessories

Reference	Description
-	Calibration certificate
MT 51	Soft case
CQ 15	Magnetic protective housing
-	Probes set

ℹ️ Only the accessories supplied with the device must be used.

Warranty

Instruments have 1-year warranty for any manufacturing defect (return to our After-Sales Service required for appraisal).

Maintenance:
We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements.
As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

Precautions for use:
Please always use the device in accordance with its intended use and within parameters described in the technical features in order not to compromise the protection ensured by the device.

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