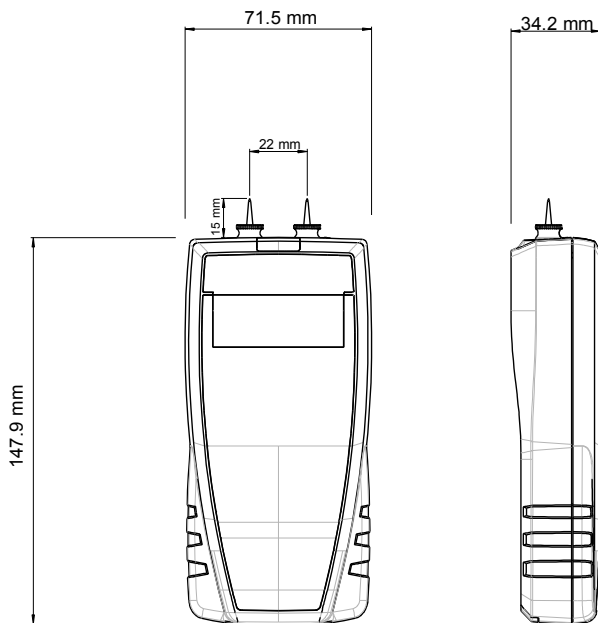


Pin moisture meter HM 50

KEY POINTS

- Easy to use
- HOLD function
- Compatible with 4 types of materials: wood type 1, wood type 2, plaster and brick/concrete
- Auto shut-off : 20 minutes

FEATURES OF THE HOUSING



Material : ABS

Protection : IP54

Display : 1 line
LCD 1 x 5 digits.
Size : 50 x 20 mm

Height of digits :
Values : 9.2 mm
Units : 4.7 mm

Weight : 200 g (with batteries)



TECHNICAL FEATURES

Number	Material	Detail	Measuring range	Accuracy*
M1	Wood type 1	Birch, Beech, Spruce, Larch, Walnut, Cherry	From 10 to 90 %	± 1 %
M2	Wood type 2	Oak, Pine, Maple, Ash, Pin Douglas	From 9 to 90 %	± 1 %
M3	Plaster		From 0 to 15 %	± 1 %
M4	Brick et concrete		From 0 to 15 %	± 1 %

Operating temperature	From 0 to +50 °C
Storage temperature	From -20 to +80 °C
Power supply	4 batteries AAA LR03 1.5 V
Battery life	180 hours
Conformity	Directives CEM 2004/108/CE and NF EN 61010-1

* 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

SUPPLIED WITH

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



ACCESSORIES

- Adjustment certificate
- Soft case
- Magnetic protective housing
- Probes set



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.

GUARANTEE

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

USE OF THE INSTRUMENT

Take a measurement

- Switch on the instrument by pressing on « **On/Off/Hold** ».
The instrument displays its name « HM50 ».
- Press briefly on « **Select** » to move of material.
- Press the spikes in the material to be measured.
- Read the value.
If the measurement is less than the lower limit (see below "Materials humidity"), the instrument will be indicate « **Lo** ».

Hold the measurement

During measurement:

- Press briefly on « **On/Off/Hold** » to hold measurement.
« **Hold** » appears on the screen and the humidity measurement is fixed.
- Press briefly on « **Select** » to move from one parameter to the other.
- Press again briefly on « **On/Off/Hold** » to exit the Hold function.

How to change batteries

- Remove the front part at the back of the instrument.
- Replace used batteries by new batteries AAA LR03 1.5 V.
- Replace the front.

Auto shut-off : the instrument switches off if not used during 20 minutes.



MATERIALS HUMIDITY

Wood		Plaster		Brick and Concrete	
Moisture content	State of the wood	Moisture content	State of the plaster	Moisture content	State of the brick/concrete
< 15 %	Dry	< 2 %	Dry	< 2 %	Dry
From 15 to 30 %	Moist	From 2 to 4%	Moist	From 2 to 4 %	Moist
> 30 %	High moisture	> 4 %	High moisture	> 4 %	High moisture



Once returned to KIMO, required waste collection will be assured in the respect of the environment in accordance to 2002/96/CE guidelines relating to WEEE.

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Tel : + 33. 1. 60. 06. 69. 25 - Fax : + 33. 1. 60. 06. 69. 29

e-mail : export@kimo.fr