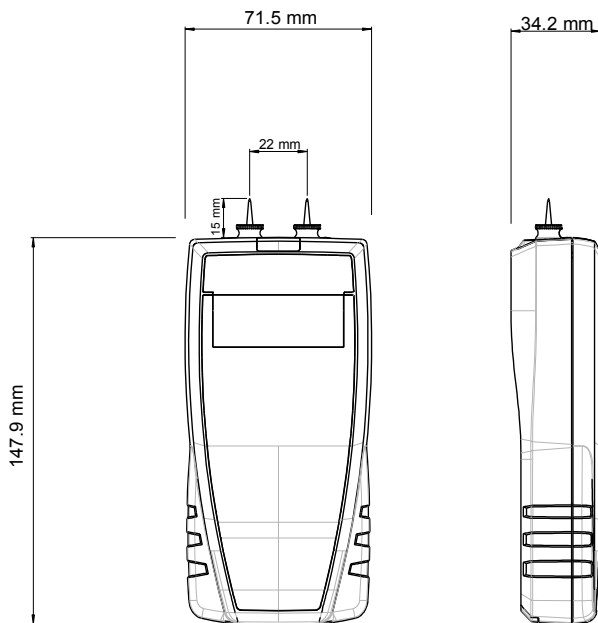


## Pin moisture meter HM 50

### 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 50 %	± 1 %
M2	Wood type 2	Oak, Pine, Maple, Ash, Pin Douglas	From 9 to 50 %	± 1 %
M3	Plaster		From 0 to 15 %	± 1 %
M4	Brick et concrete		From 0 to 15 %	± 1 %

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

## 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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