

**Pin moisture meter  
HM 100**



"Select" key  
See table  
"Functions available from main screen"

"Function" key  
1x : "Hold" : measure holding  
2x : "Min/Max" : display of minimum and maximum since last request.  
3x : Back to held measure.

"On / off" key  
ON : Switch-on  
OFF : Switch-off  
Escape : Return to previous screen

"Backlight" key  
1x Level 1  
2x Level 2  
3x No backlight

"OK" key  
1x "OK" Material 1 : softwood  
2x "OK" Material 2 : hardwood  
3x "OK" Material 3 : concrete and plaster  
4x "OK" Material 4 : bricks

**Functions available from main screen**

Automatic shut-off	1x	→  → Press  to scroll down minutes.	⇒ Validate with
Beep	2x	→  → Press  to activate or deactivate.	⇒ Validate with



## Make a measurement

1. Remove the cap.
2. Press **OK key** to choose the material.
3. Push the tips in the material to measure.
4. Read the value.

Number	Material	Detail
1	Softwood	Birch, Beech, Spruce, Larch, Cherry tree, Walnut
2	Hardwood	Oak, Pine, Maple, Ash, Pin Douglas
3	Concrete and plaster	
4	Bricks	

## Materials moisture

### Wood

Moisture level	Wood state
< 15 %	Dry
From 15 to 30 %	Moist
> 30 %	Very moist

### Concrete / plaster

Moisture level	Concrete / Plaster state
< 1.5 %	Dry
From 1.5 to 2.0 %	Moist
> 2.0 %	Very moist

### Bricks

Moisture level	State bricks
< 10 %	Dry
From 10 to 15 %	Moist
> 15 %	Very moist

## Make a self-test

1. Turn the instrument on.
2. Remove the cap.
3. Turn the cap.
4. Press the 2 pins of the instrument into the contact plugs of the cap.
5. Press **OK key** to select the type of material to verify.
6. Read the value indicated by the instrument.

- If the indicated value matches with the given value in the table below, the instrument runs properly.
- If the indicated value does not match with the given value in the table below, clean the tips and make another self-test. If the value is always wrong, change the pins. If not working, contact the after sales service.

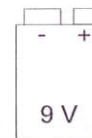
## Self-test



Resistance	Material			
	Softwood	hardwood	Concrete and plaster	Bricks
1 MΩ	30,9 % ± 1%	27,9 % ± 1%	1,4 % ± 1%	3,3 % ± 1%

## How to change battery

1. Remove the front part at the back of the instrument
2. Remove old battery
3. Insert the new battery in accordance with proper polarity drew inside the housing.
4. Replace the front.



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.

[www.kimo.fr](http://www.kimo.fr)

EXPORT DEPARTMENT

Boulevard de Beaubourg - Emerainville - BP 48  
77312 MARNE LA VALLEE CEDEX 2  
Tel : + 33.1.60.06.69.25 - Fax : + 33.1.60.06.69.29

