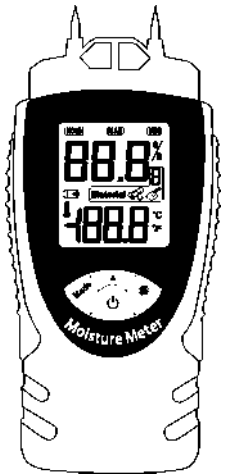
Moisture Meter
Instruction Manual



V2. 0

Brief Introduction

This instrument is a professional moisture meter, wildly used to measure the water content of wood and building materials,also can be used to measure the air temperature.Please read the instruction manual carefully before using this meter.

Cautions

1. Only operate the instrument properly, for its intended purpose and within the parameters specified in the technical data. Do not use force.
2. Never store the product together with solvents, acids or other aggressive substances.
3 .Only carry out the maintenance and repair work that is described in the manual. Follow the prescribed steps when doing so. Use only the spare parts from the original manufacturer.

Specification

Sensor: electrical resistance (conductivity measurment)
NTC temperature sensor
Parameters:
The percentage of water content:% (Wood, building materials)
Air Temperature: °C,°F
Measuring ranges: Material moisture

Serial NO. Measuring Range Material
Material 1 8.8-54.8% Beech,Spruce,Larch,Birch .Cherry, Walnut
Material 2 7.0-47.9% Oak .Cedar, Maple ,Ash Tree .Douglas Fir, Meranti
Material 3 0.9-22.1% Cement,Concrete Plane,Plaster Produce
Material 4 0.0 -11.0% Anhydrite Plane
Material 5 0.7-8.6% Cement Mortar
Material 6 0.6-9.9% Lime Mortar
Material 7 0.1-16.5% Brick

Temperature:-10~50°C , +14~122°F
Resolution: 0.1%;0.1°C;0.1°F
Accuracy: ±2%;±1°C
Sampling rate: 0.5s
Operation condition: -10~50°C;+14~122°F;10%~90%RH
Storage condition: -20-60°C;-4~140°F;10%~75%RFI
Power supply : 3x1.5V.AAA batteries
Size: 121*55.5*28mm
Weight:115g (including batteries)
Accessories: batteries, Manual

Operation guide

To make sure the measurement is accurate, please make repeat measurement on different spot on the substance, if the substance is wood, please plug the pin into it.Keep fingers or any other interference source away from the probe.

1. Press Q button to switch on the meter, the meter is under measuring mode.
2. press ^ button to switch on the backlight, and it goes off automatically after 10 seconds inaction.
3. Choose Material: Presswto choose the right material ,the following mark will be displayed on the screen: (wood),<^ (building material).Please refer to the above "measuring range" to choose a right material, choose Material 1 while the measured substance is unknown.

4. Preset and self check:

Long press Q button,enter the preset mode, choose unit for temperature measuring,press ^ to confirm,and enter the self check mode,"—– " displayed on the screen for few seconds, after the self check finish, it displays" PH 5 ".means meter is in good condition for measurement,if it displays "HQ", please send the meter back to the factory for further check.
Note: Make presetting and self check every time the batteries been replaced.

5. Hold, Max ,Min value display

Press^ to display the current value,Max value and Min value one by one

6. Switch off the meter.

PressQ button to switch off the meter.
Meter goes off automatically after 10minnuts inaction

7. Battery replacement

Replace the batteries when as displayed on the screen.
Please use 1.5V AAA battery, watch the polarity.