

# WOOD/TIMBER MOISTURE METER MS7100



VER170D08

Wood/Timber moisture meter MS7100 is a professional wood moisture meter, it can testing 100 more wood species. It applicable of woodwork, paper making, flakeboard, furniture, timber traders and other relevant industry.


Thanks for choosing our moisture meters!  
For your easy to master this instrument as soon as possible, please read following instructions carefully and always keep this meter within easy reach.

Automatic temperature Compensation  
Power supply:  
4x1.5 AAA size (UM-4) battery  
Dimensions:  
Main Unit:  
140mm×60mm×22mm  
Sensor:  
175mm×40mm×20mm  
Weight:  
175g (not including batteries)  
Guarantee: 1 year

and insert the probes into the materials straightly, the probes are more deeper ,the value is more accurate.

4.3 Depress  key, the symbol "max" will be showed on display, then the max value must be stored on display when measuring process. Depress the  key again, this function will be canceled.

4.4 Code choice




Depress  key and not release until the CD00 is showed on display, through press "" and "" key to

choose you needed code, then depress  key to confirm it.

4.5. Replace batteries

When battery symbol showed on display, it must replace the batteries in time. Slide the batteries cover ,put the batteries into the hole correctly.

5. WARNING SETTING

5.1 Depressing  key and don't release until "AL2" showed on display(it will takes 5 seconds to complete operation),then press "" key or "" key to choose your suitable value according to your needs,

## 1. FEATURES

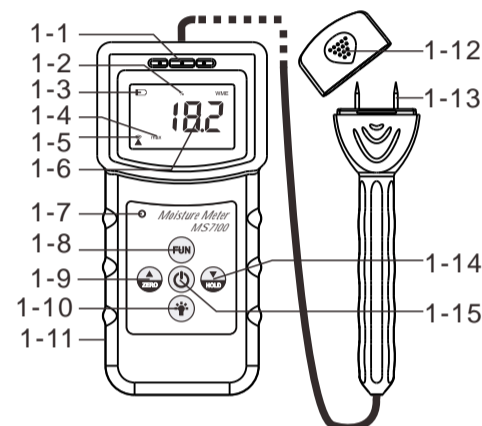
- 1.1 It is portable, compact, easy to use and the moisture measurement readings are instant.
- 1.2 Digital display with back light gives exact and clearly reading although you stay at the somber conditions.
- 1.3 It will save time and expense by monitoring dryness and helps to prevent deterioration & decay caused by moisture whilst in storage, therefore processing will be more convenient and efficient.
- 1.4 The moisture meter operates by electrical

- conductivity and has automatic temperature compensation.
- 1.5 Manual off at any time. Auto power off after 5 minutes from last operation.
  - 1.6 Data hold function. Low battery alert.

## 2. SPECIFICATION

Display: 4 digital LCD  
Measuring range: 0-80%  
Operating conditions:  
Temperature: 0-60°C  
Humidity: 5%-90%RH  
Resolutions: 0.1  
Accuracy: ±0.5%n  
Operating principle:  
Electrical conductivity,



## 3. PANEL DESCRIPTIONS




- 1-1 Buzzer 1-6 Testing value  
1-2 % symbol 1-7 Warning light  
1-3 Low battery 1-8 Function key  
1-4 Max symbol 1-9 Zero/inc key  
1-5 Testing symbol 1-10 Backlight key

- 1-11 Battery cover 1-14 Hold/dec key  
1-12 Probes cover 1-15 Power key  
1-13 Testing probes

## 4. OPERATION PROCEDURE

4.1 Turn on the power  key, the symbol "0.0" will be showed on display. It will need zeroing if showed other value, please depress  key while the probe sensor without touch anything, or zeroing is not efficient. Zeroing can decrease the effect from the temperature and humidity in the air.

4.2 Hold the instrument with your hand, then take off the cover of the sensor

press  key again back to the operation state.

5.2 Setting the "AL1" just the same ways as "AL2".

5.3 Usually, "AL2" must larger than "AL1", if the "AL2" less than "AL1" during setting process, then the instrument will be returned back the factory setting, just to say, AL1=13, AL2=18.

## Notes:

Please take out the batteries if the instruments without use for a long time.

Put the probe in the air without touch anything when zeroing, or the zeroing is not efficient.

## CODES TABLE

CODE	Referencematerial
Cd00	Abies grandis, Acer macrophyllum, Maple, Acer saccharum, Pine(scots), yellow Pine, Dalbergia latifolia, Dipterocarpus zeylanicus, Eucalyptus microcorys, Fraxinus excelsior, Cupressus spp, Pinus contorta, Pterygota bequaertii, Quercus robur, Pinus sylvestris, Balsa, Boxwood (maracaibo), red Gum(American), Gum spotted, Gurjun, Birch, Cypress(African) Karri, Oak(European), Oak(Japanese), black Poplar, Redwood(Baltic European), Rosewood (Indian), Pine(lodgepole), Tallowwood, Walnut (American), Kapur
Cd01	Distemonanthus benthamianus, Jarrah, Endiandra palmerstonii, Erythrophleum spp, Abies alba, Fagus sylvatica, (see next)

CODE	Referencematerial
Cd01	Grevillea robusta, Juglans regia, Larix deciduas, Larix occidentalis, Podocarpus spicatus, Picea abies, Pinus caribaea, Pinus nigra, Pinus palustris, Pinus ponderosa, Pinus radiata, Taxus baccata, Thuja plicata, Tsuga heterophylla, red Cedar (western), Chestnut, Greenheart, Hemlock (western), Larch ( European), Larch (Japanese), Queensland walnut, red Seraya, Spruce, Silky oak(African), Silky oak( Australian), Pine (Corsican), Pine, radiata, Walnut(European), Walnut (queensland), Whitewood, Yew, Pine(ponderosa), Stringybark, Oak (tasmanese)
Cd02	Araucaria bidwilli, Eucalyptus crebra, Eucalyptus saligna, Flindersia brayleyana, Fraxinus Americana, Intsia bijuga, Podocarpus dacrydioides, Sequoia sempervirens, Pinus pinaster, Gum(southern), (see next)

CODE	Referencematerial
Cd02	Mahogany (west Indian), Douglas fir, Maple (queensland), red (light or dark) Meranti, white Meranti, Redwood(Californian), Walnut (new guinea), white Pine (new Zealand), Araucaria angustifolia
Cd03	Khaya senegalensis, Podocarpus totara, Quercus cerris, Ulmus American, Ulmus procera, Ulmus thomasii, Afzelia, Kauri( new Zealand), Lime, Elm( English), white Elm, Matai, Oak( Turkey), Pyinkado
Cd04	Acer pseudoplatanus, Carya glabra, Sycamore, Cassipourea elliotii, Dipterocarpus(keruing), Teak, Cordia alliodore, Larix occidentalis, Pterocarpus soyauxii, Hickory, Padauk(African)
Cd05	Abies procera, Agathis robusta, Betula pendula, Croton megalocarpus, Prunus avium, Agba, (see next)

CODE	Referencematerial
Cd05	Birch( European), Cedar( west Indian), black Guarea, Kauri (queensland), Walnut( African), Cherry (european), Utile
Cd06	Afrormosia elata, Diospyros virginiana, Gonystylus macrophyllum, Pterocarpus indicus, Afrormosia, Amboyna, Basswood, Coachwood, Persimmon
Cd07	Calophyllum brasiliense, Guarea cedrata, white Guarea