WOOD DUST MOISTURE METER

MS-W

VER.170D08

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.

Wood dust moisture meter MS-W used for measuring moisture content of wood materials (such as sawdust, paillasse, bamboo powder). It applicable of paper making , flakeboard, furniture and mechanism of charcoal industry.

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 Measurements are taken by inserting the sensors into the bale of wood powder related materials.

1.6 Manual off at any time. Auto power off after 5 minutes from last operation.

2.Specification

Display:4 digital LCD
Measuring range :0-84%
Operating conditions:
Temperature:0-60°C
Humidity: <90%RH
Resolution: 0.1
Accuracy: ± 0.5%n
Operating principle:
    Electrical conductivity,
    Automatic temperature
    Compensation
Power supply:
4x1.5 AAA size (UM-4) battery
Dimensions:
    main unit: 460×75×35mm
    sensor: 370x45x22mm
Weight: 265g

3.Panel descriptions

3-1 % symbol	3-8 backlight key
3-2 low battery	3-9 battery cover
3-3 max symbol	3-10 testing probes
3-4 testing value	3-11 handle
3-5 warning light	3-12 hold/dec key
3-6 function key	3-13 power key
3-7 zero/inc key	

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 and insert the probes into the materials straightly,

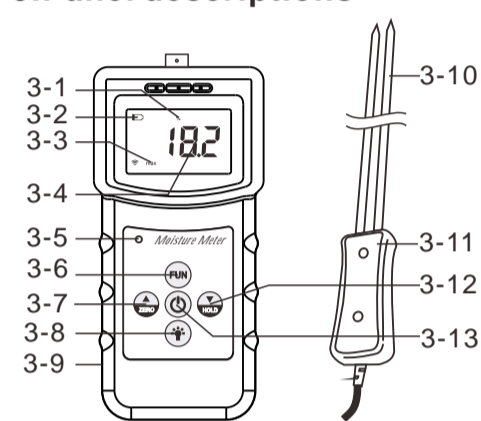the probes are more deeper ,the value is more accurate.

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. when the sawdust is very dry and crisp, you can use this function to getting more accurate readings.

4.4Code choice
There are 3 codes inside meter, the default code is

Cd00. it can be changed to Cd01 or Cd02 when there is big error by Cd00. Depress 🔘 key and not release till CDXX showed on display, then press "🔘" key or "🔘" key to choose your needed code and depress 🔘 key to confirm.

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, 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.

6.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.