

INDUCTIVE MOISTURE METER

MS310

VER170D08

Inductive moisture meter MS310 is used for measuring moisture content of wood ,Timber, paper, Bamboo, Carton ,concrete, metope, and other materials. It applicable of woodwork, paper making ,flakeboard, furniture ,building, timber traders and other relevant 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 high frequency

- 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 :0-90%
 Operating condition:
 Temperature: 0-60°C
 Humidity: <85%RH
 Resolution: 0.1
 Accuracy: ± 0.5%n
 Power supply:
 4x1.5 AAA size (UM-4) battery

Dimensions:

140mmx60mmx22mm

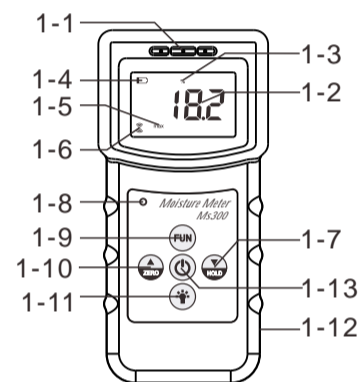
Weight:

119g (not including batteries)

Guarantee:1 year

Code choice:20 kinds

3.PANEL DESCRIPTIONS



- | | |
|--------------------|--------------------|
| 1-1 Buzzer | 1-8 Warning light |
| 1-2 Testing value | 1-9 Function key |
| 1-3 % symbol | 1-10 Zero/inc key |
| 1-4 Low battery | 1-11 Backlight key |
| 1-5 Max symbol | 1-12 Battery cover |
| 1-6 Testing symbol | 1-13 Power key |
| 1-7 Hold/dec key | |

4.OPERATION PROCEDURE

4.1 Turn on the 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

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.

back sensor close to the testing material, the reading showed on display will be the result of the tested material moisture content.(when the back sensor is larger than the testing material, you can press the sensor aim to the material by its middle of surface.)

4.4 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.
 4.5 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 the key "" and don't release until "AL2" showed on display(it will takes 5 seconds to complete operation),then press "" 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.

Codes table

Density kg /m ³	code CD	Referencematerial
220	00	Foam
250	01	Soft wood
280	02	Felt
320	03	Peat
400	04	Charcoal
440	05	Coke
480	06	White Lime
520	07	
560	08	Veneer
600	09	Timber ,Chipboard
800	10	Coal ash(dry),Alcohol
1000	11	Polyethylene ,paraffin
1200	12	Bamboo ,ABS
1400	13	Cement ,Clunch
1600	14	Bakelite ,Fibre pasteboard
1800	15	Rubber, Sand(dry)
2000	16	Stone, Grit(dry)
2200	17	Vitriol(87%)
2500	18	Sand(wet), Bricklaying
3000	19	Quartz Glass, Diatomite
		Concrete, Asbestos
		China
		Marble, Granite

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.

The penetrability of this meter is strong. If the testing material is less than 50mm,please hang it over the air when measuring.