INDUCTIVE MOISTURE METER

MS310-S

VER.141125A

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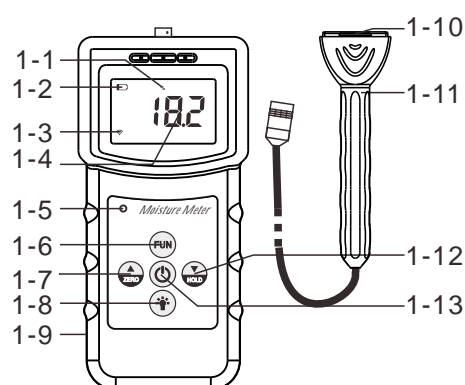
Inductive moisture meter MS310-S is used for measuring moisture content of wood ,Timber, paper, Bamboo, Carton ,concrete, metope, and other materials. It applicable of woodwork, paper making , flakeboard, furniture ,building, timber traders and other relevant industry.

Dimensions:
    140mm×60mm×22mm
Weight:
    185g (not including batteries)
Guarantee:1 year
Code choice:22 groups

3.PANEL DESCRIPTIONS

after change the code, for example: the showed value is bigger than true value, then press "▲" key to amending the showed value near to the true value. Keep the value near to the true value. Keep the code in mind for the same material testing, and vice versa.

4.3 Hold the instrument with your hand, press the sensor close to the testing material, the reading showed on display will be the result of the tested material moisture content.

Notes:
    Please Inserting the plug first, then turn on the POWER key.
    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.

4.4 Depress Hold key ,the symbol "max" will be showed on display, then the max value must be stored on display when measuring process. Depress the Hold 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 key "Fun" and don't release until "AL2" showed on display(it will takes

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

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

4.OPERATION PROCEDURE

4.1 Inserting the plug into the main unit correctly. Turn on the power key(Please Inserting the plug first), the symbol "0"will be showed on display. It will need zeroing if showed other value, please depress ZERO key while the probe sensor without touch anything, or zeroing is not efficient. After testing, don't

5 seconds to complete operation),then press "▲" or "▼" key to choose your suitable value according to your needs, press FUN 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.

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: <90%RH
Resolution: 0.1
Accuracy: ± 0.5%n
Power supply:
    4x1.5 AAA size (UM-4) battery

press the ZERO Key again if there still have value on screen, or it will reduce the correct value in next testing. Zeroing can decrease the effect from the temperature and humidity in the air.
4.2 Code choice
    Depress FUN key and not release until the CD00 is showed on display, through press "▼" or "▲" key to choose you needed code, then depress FUN key to confirm it. There are 20 groups codes inside this meter. If it still have deviation

Reference Codes table

Density kg/m³	code CD	Referencematerial
200	00	Foam
220	01	
250	02	Soft wood
280	03	Felt
320	04	Charcoal
400	05	Coke
		Peat
440	06	
480	07	Asbestos fiber
		Hydrated lime (powder)
520	08	Veneer
560	09	Timber , Chipboard
600	10	Coal ash(dry),Alcohol
800	11	Polyethylene, paraffin
		Asphalt,Bamboo
1000	12	Cement, Clunch
1200	13	Bakelite, Fibre pasteboard
1400	14	Rubber Sand(dry)
1600	15	Stone Grit(dry)
1800	16	Vitriol(87%)
2000	17	Sand(wet) Bricklaying
2200	18	Quartz Glass Diatomite
2500	19	Concrete Asbestos China
3000	20	Marble Granite
3300	21	Magnetite