MOISTURE METER

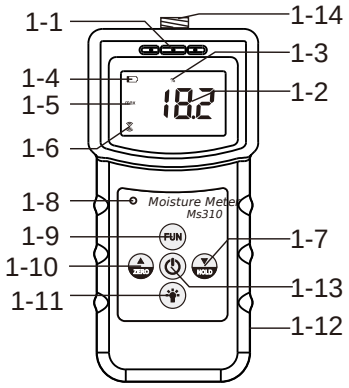
MS350

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.

Capacitive moisture meter MS350 is used for measuring moisture content of soil , chemical combination powder, coal powder and other powder materials. It applicable of chemical industry and other relevant industry.

Dimensions:
140mm×60mm×22mm
Sensor:6mm×235mm (Optional)
Weight:
119g (not including batteries)
Code choice:20 kinds

3.PANEL DESCRIPTIONS



1-1 Buzzer
1-2 Testing value
1-3 % symbol
1-4 Low battery
1-5 Max symbol
1-6 Testing symbol
1-7 Hold/dec key
1-8 Warning light
1-9 Function key
1-10 Zero/inc key
1-11 Backlight key
1-12 Battery cover
1-13 Power key
1-14 Probe jack

4.OPERATION PROCEDURE

4.1 Turn on the power key, 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.Zeroing can decrease the effect from the temperature and humidity in the air.

4.2 Hold the instrument with your hand, insert the sensor into the testing material, the reading showed on display will be the result of the tested material moisture content.

4.3 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.

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 :0-80%
Temperature: 0-60°C
Humidity: 5%-85%RH
Resolution: 0.1
Accuracy: ± (0.5% n+1)
Power supply:
4x1.5 AAA size (UM-4) battery

4.4 Code choice

Depress FUN key and not release until the CD09 is showed on display, through press "UP" and "DO" key to choose you needed code, then depress FUN key to confirm it.

4.5.Replace batteries

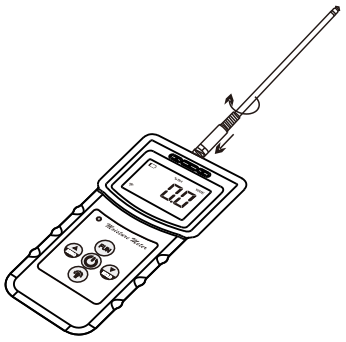
When battery symbol showed on display, it must replace the batteries in time. Slide the batteries cover ,put the batteries into the hole correctly.

5.WARNING SETTING

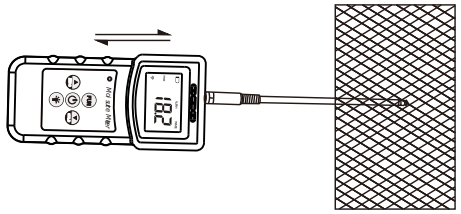
5.1 Depressing key 3-9 and don't release until "AL2" showed on display(it will takes 5 seconds to complete operation),then press "UP" or "DO" key to choose your suitable value according to your needs, press FUN key again back to the operation state.

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 to the factory setting ,just to say,AL1=13,AL2=18.



Installation



Testing

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.

Since high-frequency elements of this instrument have strong penetration ,the diameter of vessel that full of tested materialsmust be reached to 20cm, high 15cm.(there must be no magnetic and other metals in it),the probe insert into the center of this vessel is better.

There are 20 groups of codes default in this instrument, you can adjust according to drying moisture method .For example: When the actual moisture content is 15%,but you have got 14% by our meter ,then you can press "UP" key to correct it. Then you can use the same code to testing the same material future. You can use the same way by press Down key when testing reading larger than the actual value.