TOBACCO MOISTURE METER

MS320

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.

The Tobacco Moisture Meter is a valuable testing instrument during the Tobacco collection, processing and when buying or selling. The newly designed MS320 utilizes the relationship between moisture content and electrical resistance to effectively measure the moisture content of tobacco quickly and accurately.

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)
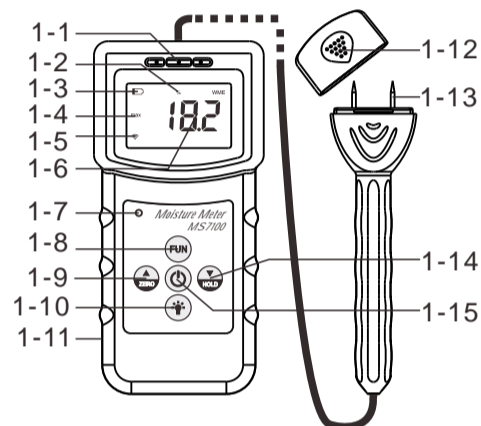Pin: 80mm
    150mm(optional)
Guarantee: 1 year

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 resistance 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: 8-40%
Operating conditions:
Temperature: 0-50°C
Humidity: 5%-90%RH
Resolutions: 0.1
Accuracy: ± 0.5%n
Operation: Electrical Resistance Method, Automatic

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" 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, 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 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.

4.4 Code choice
    Depress FUN key and not release until the CD00 is showed on display, through press "▲" and "▼" 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 FUN 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 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.

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.

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.

    There are 11 groups codes in Tobacco Moisture Meter for more accuracy according to your tobacco materials.