

1. Use and feature

Use :

The instrument is used for the measurement of moisture content . The measured materials include as follows:

Woodiness-cellulose substance and bamboo product, wood produce, Chinese traditional medicine, tobacco, cotton, paper, etc.

Feature :

1. The instrument join the measuring instrument, display, power supply and circuit board together.
2. Small size
3. Light weight
4. Measure fast
5. Easy to operate

2. Technology parameters

1. Display: LED 2×10 units display
2. Measure Range : range LOW 7- 15%
range HIGH 16- 35%

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3. Measure Accuracy: ± 1 digit (moisture content)
4. Operating Voltage: DC 15V (single battery 10F-20)
5. Operating Condition: wood temperature 0-40 C
relative humidity <85%
6. Size : 135mm×46mm×23mm
7. Weight : 100g

3. Operation

1. Remove the proof cover of the instrument (you can connect it to the other end of the instrument).
2. Checking The Moisture Meter
Make the two probes be in short circuit with hand or a metallic object, then press the range button "LOW". Meanwhile, the last LED should be light and the others should not be light. When the two probes are separate (there is no conductor connecting with the two probes), press the range button ,no LED should be light. If the instrument runs just as mentioned above, it shows that the instrument runs correctly ,and it can be used to measure.
3. Measuring
Insert the two probes into the wood ,and then press the

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range button to display the reading which the light LED indicates. If the pressed button is "LOW", you should read the reading on the left side (see the panel). If the pressed button is "HIGH", you should read the reading on the right side. While measuring, please pay attention to the conditions as follows:

1. After pressing button "LOW", it shows that the reading is less than 7% if there is no LED being light. If only the last LED is light ,it shows that the reading is more than 15% or equal to 15%, so you should press the button "HIGH" to try again ,and then read the reading .
2. After pressing the than button "HIGH", it shows that the reading is less than 16% if no LED is light .You should press the button "LOW" and read the reading. If only the last LED is light, it shows the reading is more than 35% or equal to 35%.
3. After pressing the button "LOW" or the button "HIGHT", you should calculate the average of the two readings and adopt the average if two LEDs that border each other are light together. You can also scale up and scale down the reading according to the brightness.
4. Battery replacement : If the measurement

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mentioned above can not meet the desire ,or the display shines dimly, or the voltage of the battery is less than 10V, please replace it with a new one.

4. Maintenance

1. The Instrument is a high- resistance instrument , every part of the instrument must have good insulation, please protect the instrument from dust and moisture. Keep it clean and dry to avoid reducing the accuracy.
 2. The working current of LED is approximate 5mA .The dry battery can only give power discontinuously, so you should not press the range button for a long time. You should press the range button within a short time when you want to measure. A short touch is enough in order to save power .
 3. Please store the instrument in a clean place.
Storage temperature: 0~40°C
Relative humidity: <85%
- If you don't use the instrument for a long time, please take out the battery.

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