

DESCRIPTION:

YW-212 series instrument is an integrated wood moisture detector, which can be used to detect the moisture content of wood fiber items such as wood, bamboo utensils, cotton, tobacco, paper and Chinese herbal medicines (The percentage of the weight of moisture in the wood to the weight of the wood after it is absolutely dry).

The YW-212 series instruments measure the moisture content of objects using probes, with a measurement range of 0.0~58.0%. To measure, select the appropriate material category and insert the two probes into the material to be tested for accurate moisture content measurement.

The YW-212 series instruments support 7 measurement modes, enabling efficient moisture content analysis for various substances. In addition, the instrument also adds a buzzer prompt function, which can be used by the user to determine whether the instrument has been pressed.

The YW-212 series instrument includes two models, namely YW-212-P and YW-212-S. Among them, YW-212-S adds the function of measuring environmental temperature and humidity on the basis of YW-212-P, which can measure the temperature and humidity of the environment where the test object is located while detecting the water content.

The YW-212 series of instruments are small and light, and can be carried around.

FEATURES:

- **High sensitivity probe**
- **7 Measurement Modes**
- **Environmental temperature and humidity measurement** (YW-212-S)
- **Data retention**
- **Maximum, minimum, and average measurement mode**
- **Screen with three-color backlight**
- **Buzzer prompt**
- **Automatic shutdown**
- **Battery level display**



Wood Moisture Meter

APPLICATION:

- **Timber processing**
- **Building materials**
- **Home environment**
- **Paper processing**
- **Medicinal materials**
- **Laboratory**

NOTE:

- Please operate the instrument under guidance and in the proper environment.
- Please dispose the waste according to relevant national regulations on environmental protection.
- Prolonged exposure to the sun avoided.
- Corrosive chemicals avoided.
- Avoid pointing the probe at others during use.
- Avoid connecting the probe to a charged object during use.

WARNING:

- Self-disassemble is not allowed!
- No surge with heavy current/static electricity!

SPECIFICATION:

Model	YW-212-P	YW-212-S
Measuring Range	Moisture content: 0.0~58.0%	Moisture content: 0.0~58.0% Temperature: -20.0~60.0℃ (-4.0~140.0°F) Humidity: 0~99%RH
Accuracy	Moisture content: ±2.0%	Moisture content: ±2.0% Temperature: ±1.0℃ Humidity: ±5.0%RH
Resolution	Moisture content: 0.1%	Moisture content: 0.1% Temperature: 0.1℃ Humidity: 1%RH
Automatic Shut-down	5 minutes	
Operation Temperature	-10~50℃	
Storage Temperature	-10~60℃ (Without battery)	
Power Supply	3 pcs 1.5V AAA dry cell batteries	
Size of Probe	Φ2*10mm	
Size of Device	135*57*30mm	
Material	ABS	
Weight	About 121g	

MATERIAL COMPARISON TABLE

Material 1	Beech, spruce, larch, birch, cherry, walnut: 8.8~54.8%
Material 2	Oak, pine, maple, ash, Douglas fir, Eucalyptus: 6.8~47.9%
Material 3	Cement mortar layer, concrete: 0.9~22.1%
Material 4	Anhydrous gypsum mortar layer: 0.0~11.0%
Material 5	Cement mortar: 0.7~8.6%
Material 6	Lime mortar, gypsum: 0.6~9.9%
Material 7	Brick: 0.0~16.5%