

To ensure proper operation, please read the manual before using the instrument.

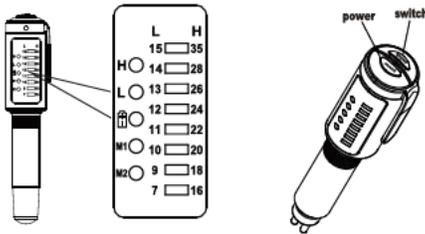
## 1. FEATURE

- 1.1 The instrument measures the moisture by the conductivity of the two pins.
- 1.2 It can be widely apply for fiber material, for example, building and its construction material, various nonmetallic material, paper, wood, bamboo products, herb, tobacco, cotton, textile, soil and so on.
- 1.3 Clear LED display to indicate the moisture of the measured object.
- 1.4 Auto power off about 2-3 minutes when there is no operation.

## 2. SPECIFICATION

- 2.1 Display: LED
- 2.2 Measured Range: 7%-35%
- 2.3 Accuracy:  $\pm 1\%$  or  $\pm 1$  indication light
- 2.4 Power Source: 1 AAA Battery
- 2.5 Low Battery Indication

## 3. PANEL DESCRIPTION



- When H indication lights up, the instrument is in high moisture measurement and the range is 16-35%
- When L indication lights up, the instrument is in low moisture measurement and the range is 7-15%
- When  light up, it indicates low battery
- M1: Category 1, wood with density about 0.3-0.6 g/cm<sup>3</sup>
- M2: Category 2, wood with density about 0.6-0.95 g/cm<sup>3</sup>
- 7% ~ 35% indicates the moisture of measured object

## 4. OPERATION

- 4.1 Power-on: Switch on the power by pressing **Power** button shortly. Please change the battery when  lights up.
- 4.2 Category (**M1** or **M2**) selection: Press **Select** button to switch between **M1** (Wood density about 0.3 ~ 0.6 g/cm<sup>3</sup>) and **M2** (Wood density about 0.6 ~ 0.95 g/cm<sup>3</sup>).
- 4.3 Preparation: Take off the protective cap and press **Power** button to switch on the instrument and **M1** will light up. Touch the pins by two fingers to test if the LED will light up. The instrument is damaged if the LED doesn't light up.
- 4.4 Moisture Measurement: Switch on the power and the initial category will be **M1**, and the reading range will be **L (Low)**. Insert the two pins into the wood in a depth about 6mm; read the moisture indicator based on the range indication (**L** or **H**).
  - The range indication will start from **L (Low)** range, if the moisture is less than 7%, no LED lights up. If the moisture is higher than 15% the range indication will jump to **H (High)**, and user has to read the moisture indication 16% ~ 35%.
  - If the moisture is between 15% ~ 16%, the range may flash between **L** and **H**, the moisture indication will jump between 15% and 16%.
- 4.5 When measurement finished, press **Power** button 1 second to switch off the power. Cover the protective cap and store it in dry place.

## 5. CAUTION

- 5.1 The inserted depth of the pins will directly affect the test result. Under normal circumstances, the deeper of the pins insert, the more accurate of the result is. Therefore, please notice the inserted depth during measurement.
- 5.2 The instrument has based on the design of high resistance and good insulation. For storage, please keep it in low humidity, less dust, clean and dry environment to avoid the deterioration of accuracy.
- 5.3 Due to uneven distribution on every object, the test result of every surfaces of the same object is different.
- 5.4 Battery leakage may damage the instrument; please take out the battery if the instrument is not in use for long period.

## Warranty

Triplett Test Equipment and Tools extends the following warranty to the original purchaser of these goods for use. Triplett warrants to the original purchaser for use that the products sold by it will be free from defects in workmanship and material for a period of (1) one year from the date of purchase. This warranty does not apply to any of our products which have been repaired or altered by unauthorized persons in any way or purchased from unauthorized distributors so as, in our sole judgment, to injure their stability or reliability, or which have been subject to misuse, abuse, misapplication, negligence, accident or which have had the serial numbers altered, defaced, or removed. Accessories, including batteries are not covered by this warranty

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