Every part has good insulation. Please keep it in a dry, dustproof place.

MOISTURE METER

This MOISTURE METER is small in size, light in weight, easy to carry. Although complex and advanced, it is convenient to use and operate. Its ruggedness will allow many years of use if proper operating techniques are followed. Please read the following instructions carefully and always keep this manual within easy reach.

TABLE OF CONTENTS

4-3 Hold

To keep the maximum value, just push the Hold button for a while, the symbol max will appear on the Display. To cancel the hold value, just push Hold button again for a while when the symbol Ÿmax Ÿ disappears.

5. BATTERY REPLACEMENT

(1) When it is necessary to replace the battery (battery voltage less than approx. 5V), symbol ⊟⊞ will appear on the display.

(2) To loose the screws of the battery cover away from the instrument and remove batteries.

(3) Install the batteries correctly into the case. Permanent damage to the circuit from incorrect installation.

(4) If the instrument is not to be used for any extended period, remove batteries.

6. NOTES

This instrument is of very high input resistance.

4.MEASURING PROCEDURE

4-1 Moisture content

A. Hold the handle of measurement needles and leave needles in the air, i.e. don't let needles touch anything except air.

B. Set the Function Switch to the MC (Moisture Content) position to switch on the power supply.

C. You will hear 2 times of click sound. That is self-calibration by the instrument.

D. Insert two steel measurement needles into the wood to be measured. The reading on the Display is the measurement value.

4-2 Temperature

A. Set the Function Switch to the Temp. position to switch on the power supply.

B. There is no need to insert the needles into the wood. The reading on the Display is the measurement value of environment temperature.

C. It takes a few minutes to stabilize when conditions or environment are changed.

1. FEATURES

* Used the exclusive MICRO-COMPUTER LSI circuit and crystal time base to offer high accuracy measurement & fast measuring time.
* Wide measuring range & high resolution.
* Digital display gives exact reading with no guessing or errors.
* Compact, lightweight, and easy operation.
* Can be applicable of wood fibre materials, wooden article, Chinese traditional medicine, tobacco, cotton and papers etc.
* The use of durable, long lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.

2. SPECIFICATIONS

Display : 4 digits, 10mm (4) LCD (Liquid Crystal Display)

Range: Moisture content : 0~50%

Temperature : -10~65

Resolution: 0.1

Accuracy:

Moisture content : (0.5%n +1.5)

Temperature: 0.8

Operation Temp : 0 ~50 or 32~122 Ė

Operation Humidity : 85%

Battery : 4x1.5 AA (UM-3) battery

Size : 178x68x39 mm

Weight: about 190g (not including batteries)

Accessories:

Carrying Case.........................1pc.

Operation Manual....................1pc.

Measurement Needle...............1pc.

3. FRONT PANEL DESCRIPTIONS
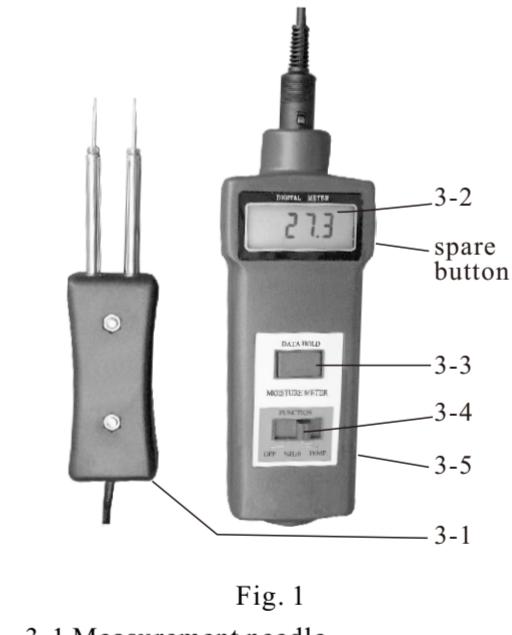
Fig. 1

3-1 Measurement needle
3-2 Display
3-3 Hold button
3-4 Function switch
3-5 Battery Compartment/Cover