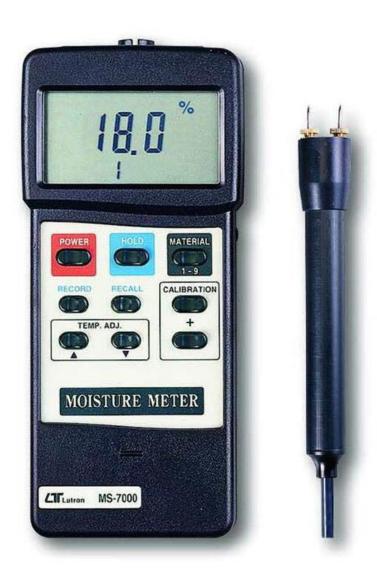
## **MOISTURE METER**

Model: MS-7000

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101







The Art of Measurement

## **MOISTURE METER**

Model: MS-7000 <u>www.YaLAB.com.tw</u> 02-2389-0101

## **FEATURE**

- \* Measure moisture content over range 9 % to 30 %.
- \* 9 material species groups in memory, calibrations for about 150 different species of wood/timber are provided.
- \* Built-in self-calibration circuit.
- \* 0 to 50  $^{\circ}$ C manual temp. compensation setting.
- \* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- \* Super large LCD with dual display.
- \* Heavy duty & compact housing case, designed for easy carry out & operation.
- \* Records Maximum & Minimum reading with recall.
- \* Data hold function to freeze the desired value on display.
- \* Auto shut off saves battery life.
- \* RS 232 PC serial interface.
- \* Built-in low battery indicator.
- \* Separate pin type moisture probe, easy operation. & remote measurement.

## **GENERAL SPECIFICATION**

| Applications             | For surveying buildings for dampness and for the rapid determination of the moisture content of wood/timber. |
|--------------------------|--|
| Principal                | Used the 2 pins electrode to measure the conductive ability of the species,                                  |
|                          | then converter to the reading of % " Moisture of Content ".  |
| Default Memory for the   | 9 material species groups in memory, calibrations for about 150 different                                    |
| species                  | species of wood are provided.  |
| Circuit                  | Custom one-chip of microprocessor LSI circuit.   |
| Display                  | 13 mm (0.5") super large LCD display, dual function meter's display.   |
| Measurement              | Measure moisture content over range 9 % to 30 %.   |
| Probe                    | Separate 2 pins moisture electrode,  |
| Temperature Compensation | Manual temperature compensation of the meter in the range of 0 to 50 $^{\circ}\text{C}$ .                    |
| Calibration              | Built-in self-calibration circuit by push button on front panel.   |
| Data Hold                | By push button on front panel.   |
| Memory Recall            | Records Maximum & Minimum reading value.   |
| Power off                | Auto shut off, saves battery life, or manual off by push button.   |
| Sampling Time            | Approx. 0.8 second.  |
| Data Output              | RS 232 PC serial interface.  |
| Operating Temperature    | 0 to 50 ℃.   |
| Operating Humidity       | Less than 80% R.H.   |
| Power Supply             | 006P, MN1604 ( PP3 ) DC 9V battery or equivalent, recommend use the  |
|                          | alkaline or heavy duty battery.  |
| Power Current            | Approx. DC 6.5 mA.   |
| Weight                   | 330 g/0.73 LB  |
| Dimension                | Main instrument: 180 x 72 x 32 mm ( 7.1 x 2.8 x 1.3 inch ).  |
|                          | Moisture Probe: Round 23 mm Dia. x 165 mm.(0.9 inch Dia. x 6.5 inch.)  |
| Accessories Included     | Instruction manual 1 PC. , Moisture probe 1 PC.  |
|                          | Extra contact pins 1 Set. , Hard Carrying Case1 PC.  |

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.