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MM70D
USER'S MANUAL

Precision Digital Moisture Meter with RS232 Output

INTRODUCTION:

Precision Digital Moisture Meter is a moisture meter that can be used in every kind of industry. It can be used to measure the moisture (%) in the process from raw material to finished products and the measured material including wood, bamboo, construction material, paper, etc. It can also be used to measure the relative moisture of other materials like food, leather, powder, cloth, ceramics, cement and more.

FEATURES:

- Digital LCD display with luminescent back-light
- Aesthetics protection cap for safe carrying and operating
- Abrasion-proof, hardened gloss treatment on display-window for long-term protection
- 5.5% to 99.9% moisture range with DC 0~1V output
- Stores up to 99 readings, MIN/MAX/Average values recalled
- Auto temperature compensation and internal calibration
- Auto power off and low battery warning (with audible)
- Ergonomic design, easy operation, comfortable and durable
- CE and RoHS approved

SPECIFICATIONS:

- Measuring Range: 5.5 to 99.9% H_2O %WME
- Resolution: 0.1%
- Operating Range: - 4° to 122°F, <90%RH, non-condensing
- Accuracy (at 25°C): ±1% Wood scale
- Display: Digital dual LCD display with multi-function indicator
- Sampling Rate: 0.3 seconds
- Wood Group Scales: select from 8 wood species groups
- Data Memory: 99 readings
- Signal Output: Analog DC 0 ~ 1V (10 mV / 1%), load > 500Ω
- Calibration: Built-in calibration adjustment
- Power Source: 1 "9V" battery
- Battery Life: About 250 hours of continuous use (no back-light)
- Dimensions: 6.0" x 2.2" x 1.26" (153 x 56 x 32 mm)
- Weight: 5.5 oz (155 g) (including battery)

FUNCTIONS:

- Back-Light luminescence EL
- Automatic temperature compensation
- Manual/automatic power off
- Data Hold, records MIN/MAX and Average values
- Battery symbol and low power warning
- Interchangeable extension probes