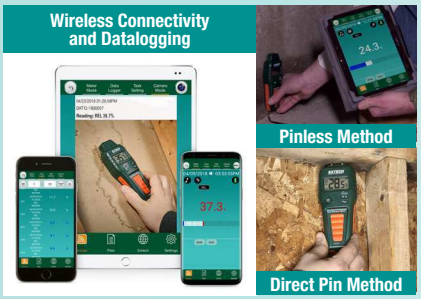
EXTECH®

PRODUCT DATASHEET

MO55W Wireless Datalogging Pin/Pinless Moisture Meter



Quickly measure the moisture content in wood and other building materials with your choice of Pinless (non-invasive) or Direct Pin method measurement. Using the wireless feature, Bluetooth® Datalogging Module, and the free ExView® W-Series App, you can transmit readings in real-time to your smart devices, store over 15K readings for wireless transfer to generate a report/data analysis, add notes and readings to photos taken from your smart device camera, and use your smart device as a 2nd display for easy viewing or sharing. The MO55W is simple to operate and uses icons that indicate moisture content and alerts you when moisture levels exceed programmed limits.

MO55W Features

- Wireless function with Bluetooth® Datalogging Module transmits readings to iOS® and Android™ devices for remote viewing using the free app
- Displays moisture level in wood and building materials such as wall board, sheet rock, cardboard, plaster, concrete, and mortar
- Non-invasive Pinless moisture measurement to a max. depth of 1" (25 mm)
- Direct Pin moisture measurement uses ~0.4" (10 mm) pins
- Audible Alert (beep rate increases as moisture level increases)
- Icons display low, medium and high moisture range
- Built-in Pin-Mode accuracy test
- Data Hold and Auto Power Off
- Ideal for building restoration, and other applications where it is critical to detect moisture in flooring, tiles, and beneath carpeting
- Complete with two pins (installed on meter), protective cap, Wireless Datalogging Module (DAT12), 9V battery, and soft case

See next page for product specifications and ordering information

Wireless Datalogging Features

- Bluetooth® Datalogging Module (DAT12) can record over 15k readings and transmit them to a smart device
- Free ExView® W-Series App, provides Wireless Data Streaming with real-time remote viewing of readings
- Adjustable sample rate and file size support most application needs
- Programmable High/Low audible alarms
- Color coded log reporting for easy identification of Alarm events
- Record data directly to phone or tablet
- Export data in Excel® format
- Share data files and snapshots directly from application
- Take snapshots of the measurement area with your connected smart phone or tablet camera to capture measurement-related images and to document date/time stamps and measurement data

FC CE

UPC Code: 793950475515

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Specifications	Pin	Pinless
Sensor Type	Contact Pins (Electrical Resistance Method)	Pinless sensor (Capacitance Sensing Method)
Wood Moisture Range	5 to 50.0%	0.1 to 99.9%
Other Building Materials	1.5 to 33.0%	0.1 to 99.9%
Resolution	0.1%	0.1%
Basic Accuracy	± (3% reading + 5 digits)	—
Measurement Depth	~0.3" (8mm) depth using 0.4" (10mm) pins	1" (25mm) depth
Wood Moisture Icon Levels	Low: 5 to 11.9%; Medium: 12 to 15.9%; High: 16 to 50%	Low: 0 to 16.9%; Medium: 17 to 29.9%; High: 30 to 99.9%
Building Material Icon Levels	Low: 1.5 to 16.9%; Medium: 17 to 19.9%; High: 20 to 33%	Low: 0 to 16.9%; Medium: 17 to 29.9%; High: 30 to 99.9%
iOS/Android compatibility	iOS 8.0 and higher/ Android 4.3 and higher	
Datalogging (with DAT12)	15,360 data points	
Dimensions/Weight	6.7 x 2.6 x 1.2" (170 x 65 x 30mm) / 4.2oz (120g) battery not included	

Download on the App Store

GET IT ON Google Play

Download the Extech ExView™ W-Series App at Apple App Store or Google Play. NOTE: iOS/Android device not included. Mac App Store logo is a trademark of Apple Inc. Android & Google Play are trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

DAT12 Bluetooth Wireless Datalogging Module

Ordering

MO55W..... Wireless Datalogging Pin/Pinless Moisture Meter
MO50-PINS..... Replacement pins (10 pins)
DAT12 ..... Replacement Bluetooth® Wireless Datalogging Module

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