

Max Doser DM4A Moisture Meter

Can be used in accordance with:
DIN EN 50081 & 2 (CE Rated)



The DM4A Moisture Meter is a universal moisture meter for measuring moisture content in wood, building materials, paper, cardboard, and numerous other materials. This non-destructive moisture meter gives you digital readings in seconds. Also capable of measuring moisture in caravans, mobile homes, trailers, and boats. The DM4A can be used in accordance with DIN EN 50081 & 2 (EC Rated).

Features

- The pocket size, robust, handheld, electronic moisture meter is suitable for a quick determination of moisture in several applications. The materials are merely touched and the % moisture appears on the display, (approximately one reading every 2 seconds).
- The depth of penetration of the measuring field into the material is approximately 30mm, so the moisture in low lying layers is obtained as well.
- The average moisture is shown as a percentage (%).
- No more time-consuming preparations like drilling of holes.
- Supplied in hard carry case which is foam lined.

Other features include

- Easy material group setting by means of a membrane-type keypad - the adjusted material group can always be seen in the display.
- Microprocessor controlled measuring with automatic zero-point correction.
- Up to 10 different customers' specific linearisation curves, with up to 8 free programmable linearisation points can be implemented.
- Storage for 100 moisture values.
- Automatic calculation of maximum, average, and minimum value.
- Fixed linearisation curves for a lot of common materials are already stored and can be selected.
- The instrument's calibration can be checked with the optional calibration modules PE05 and PE30.

Optional Extras

- Software DMI-Controller which includes RS232 serial interface cable for connecting to a PC.
- Different settings can be chosen and measured and stored. These values can then be transferred to the PC for analysis and reporting.

Used by: Plascon, Dulux, Prov. Admin, Joineries, Furniture manufacturers, SA Navy, Ivory Industrial, Concor, Everite

Technical Specifications

DM4A	Max Doser NDT Moisture Meter
Measuring range	0 -100% (adjustable)
Resolution	0.1%
Measuring frequency	1 -10 Measurements per Second (adjustable)
Measuring depth	± 3 cm
Measuring Ranges	
Wood	0,0 – 99.9 % H ₂ O
Building Materials	0,0 – 20.0 % H ₂ O
Paper and cardboard	0,0 – 50.0 % H ₂ O
Material temperature range	5 - 40°C
Working temperature range	5 - 40°C
Storage temperature range	-20 - 70°C
Attenuation:	0-99% (adjustable)
Measurement storage	100 Values
Dimensions	180 x 80 x 35mm
Weight	±250g
Interface & Software	USB – DOSOFT
Battery	Lithium U9VL battery – will outlast normal 9V PP3 by over 10 times

Packing List

Max Doser DM4A Moisture Meter
Plastic Carry Case
1x Lithium U9VL battery – will outlast normal 9V PP3 by over 10 times
Calibration Certificate
Operating Instructions

Software DOSOFT Download Version

Software for the measuring device for the DM4A for the transmission and visualization of measured values and for setting different parameters.

Interface: USB



PE05 Calibration Block



The test module PE05 is used for testing the accuracy of the DM4A moisture me

PE30 Calibration Block



The test module PE30 is used for testing the accuracy of the DM4A moisture meter for wood and moisture measurements for building moisture measurements