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# Индикатор влажности древесины и строительных материалов MC-500

## APPLICATIONS & FEATURES

The MC-500 allows moisture detections in wood down to a depth of approximately 40 mm. It is designed for quick-response detection of moisture content in wood and building materials as well as locating wet areas in floors, roofs and walls made of homogeneous material.

It is even able to detect moisture behind ceramic tiles or behind and under various floor or wall coverings. Simply place device on top of the surface to be examined – no injection into the object required!

MC-500 can be used for:

- Detection of moisture in wood and other building materials
- Detection of leakage
- Finding electrical cables and reinforcement bars

## Features:

- Pin-less & non-destructive: Capacitance measurement using a high frequency dielectric field
- Used on different materials such as wood, concrete, cement wash floor, brick, plaster, gypsum board, clinker and clay floor tiles, sandstone, marble, etc.
- Quickly indicates the moisture content of materials
- Moisture detection down to a depth of Approximate.. 40 mm
- Low battery indication
- Impact resistant ABS housing
- Complete with 9 V battery

| TECHNICAL SPECIFICATION        | MC-500                                     |
|--------------------------------|--------------------------------------------|
| Measuring range:               | 0 – 30 % moisture content                  |
| Field penetration depth:       | 30-40 mm Depending om material density     |
| Working conditions, temp / RH: | 0 to +50° C / 0 to 80 % (non condensing)   |
| Storage temperature:           | -20 to +70°C                               |
| Display:                       | 3 ½- digit, 13 mm high LCD-display         |
| Resolution:                    | 0,1%                                       |
| Power supply:                  | 9 V alkali battery (type IEC 6F22)         |
| Power consumption:             | 5 mA                                       |
| Low battery warning:           | Automatic warning “BAT” if battery is low. |
| Housing material:              | Impact resistant ABS housing               |
| Dimensions:                    | 106 x 67 x 30 mm                           |
| Weight approximate.:           | 150 g. incl. battery                       |
| Warranty:                      | 1 year                                     |



The MC-500 is delivered with battery ready to use.

