

Moisture Content Meter for Wood and Building Material MC-380XCA Dual Scanning Range 10/100 mm



APPLICATIONS & FEATURES

The **New MC-380XCA** is a microprocessor controlled hand-held moisture meter. It is reliable and simple to use and intended for rapid and non-destructive evaluation of the moisture content of wood and building materials. The MC-380XCA can be used in production, inspection control and detection of water damages.

In many cases, Relative Humidity (RH) is a more appropriate term. For this reason, the MC-380XCA is programmed to calculate the RH value from the moisture content value for building material.

It also has two selectable scanning depths: 10 mm and 100 mm.

Features:

- **Direct read out of Moisture Content in percent water or in Relative Air Humidity (RH%)**
- **Dual scanning Depths (10 mm and 100 mm)**
- **Non Invasive measurement**
- **Extended Material Selection groups.**
- **Selectable Alarm Threshold**
- **Audio Alarm**
- **Hold Function**
- **Density selection of wood Groups**



Scanning Depth 10 mm
- Measures only the Wooden Floor



Scanning Depth 100 mm
- Scans the complete Concrete slab.



Scanning Depth 100 mm,
- Can detect moisture within an entire support Beam.



| TECHNICAL SPECIFICATION | MC-380XCA |
|------------------------------------|---|
| INTENDED USERS | Woodworkers, Cabinet and furniture makers Floor-ing installers, Contractors and quality assurance inspectors. Anyone who needs a professional quality tool to inspect wood and building materials for accurate moisture content or relative humidity. |
| WOOD | 230 different species of wood or user defined by density. |
| BUILDING MATERIALS | Ytong, Bricks, Wall tiles, Plaster, Eternit slab, Floor tiles, Sand, Sand stone, Lime stonePVC/Lino-leum on concrete, Concrete, concrete slab, Clinker. |
| MEASURING PRINCIPLE | Capacitance type, non intrusive. Detection of dielectric changes due to variation of Moisture Content in the material using a High Frequency signal. |
| MEASURING RANGE - CONCRETE | Building material: 0- 98% Relative air Humidity (RH) |
| MEASURING RANGE - MOISTURE CONTENT | Wood (@ 200 kg/m ³): 0- 85% H ₂ O Building material: 0-11% H ₂ O The Maximum value differs depending of the density of the material. |
| MEASURING ACCURACY | Approximately ± 1 % MC |
| MEASURING GROUPS (DENSITY RANGE) | 50 Wood Groups . (200-1180 kg/m ³) 19 Building Materials Groups. (1200-3000 kg/m ³) |
| SCANNING DEPTH (SELECTABLE) | Internal sensor: Maximum 10 mm. 15 mm at high density materials. Measuring Springs: Maximum 100 mm |
| AUTOMATIC SHUT DOWN | Yes, 30 Seconds |
| BATTERY WARNING | Yes |
| WORKING RANGE | 0°C/+60°C |
| DISPLAY | LCD digital 3 ½ Digits |
| RESOLUTION | 0,1 % |
| CASING | ABS Plastic |
| SENSORS | Stainless Feather Steel Springs Built in. |
| BATTERY | 9 V alkaline, L6R22 |
| CASE | Artificial Leather |
| SIZE (L x H x D) | 150 x 71 x 25 mm |
| WEIGHT (INCL. BATTERY) | 165 gram |
| WARRANTY | 1 Year |

Delivered complete with following accessories:
Battery and Carrying Case Manual in English, German and Swedish.

Technical modifications reserved

