

## 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 <sup>3</sup> ): 0- 85% H <sub>2</sub> O Building material: 0-11% H <sub>2</sub> 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 <sup>3</sup> ) 19 Building Materials Groups. (1200-3000 kg/m <sup>3</sup> )
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*

