Environmental Meter PCE-MMK 1

Multifunction Environmental Meter

Measures moisture content of wood, paper, textiles, concrete and other building materials - also measures ambient temperature and relative humidity

PCE-MMK 1 is a portable handheld digital moisture meter used to measure the moisture content of wood, paper, textiles, concrete and other building materials. This multifunction environmental meter also measures ambient temperature and ambient relative humidity.

Ideal for quality control and incoming goods inspections, this multipurpose moisture analyzer comes with short and long insertion needles as well as 3 different external electrodes (ramming, penetrating, paper). Self-test or pre-set measuring modes based on material type are available from the user friendly navigation menu, as are temperature compensation, maximum / minimum value, LCD backlight and dry-moist-wet indicator settings. An easy-to-read display shows digital and bar graph values on screen. Moisture % displayed is material moisture with respect to dry mass (e.g., 100 % material moisture for 1 kg of wet wood = 500 g water).

▶ Measures moisture content of wood, paper, textiles, concrete and other building materials
▶ Also measures ambient temperature and ambient relative humidity
▶ Measuring principle: Electrical resistance

Specifications

Measuring ranges	Wood, paper, textiles: 1 ... 75% moisture
	Concrete, building materials: 0.1 ... 2.4% moisture
	Ambient temperature: -40 ... 70°C / -40 ... 158°F
	Ambient relative humidity (RH): 0 ... 100% RH
Resolution	0.1
Accuracy	Wood, paper, textiles: 1 ... 30% / ±1%, 31 ... 60% / ±2%, 61 ... 75% / ±4%
	Concrete, building materials: ±0.5%
	Ambient temperature: -40 ... -10°C and 40 ... 70 °C / ±2°C, -10 ... 40°C / ±1°C
	Ambient relative humidity (RH): 0 ... 20 % and 80 ... 100% / ±5%, 20 ... 80% / ±3.5 %
Automatic power off	After 3 minutes of inactivity, meter powers off to save battery
	After 10 seconds of inactivity, LCD backlight powers off to save battery
Enclosure	Impact-resistant plastic housing
Battery	3 x Cr 2032, replaceable
Operating conditions	0 ... 40°C / 32 ... 104°F, 0 ... 85% RH
Dimensions	139 x 47 x 25 mm / 5.5 x 1.9 x 1.0 in
Weight	100 g / < 1 lb (without electrodes)

More information

Manual

More product info

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