ABSOLUTE MOISTURE METER FOR SOIL

PCE-SMM 1



- **Easy to use**
- **Moisture measurement range up to 50 %**
- **Resolution of 0.1 %**
- **Large LCD display**
- **250 mm / 9.84" long probe**
- **Minimum, maximum and data hold functions**

PCE-SMM 1 is an absolute moisture meter for soil ideal for use in agriculture, crop science, horticulture, botany, landscaping, gardening and environmental testing applications. This portable handheld moisture meter or analyzer measures soil moisture or humidity quickly, easily and accurately.

The meter's compact size and battery power supply make it the ideal solution for taking moisture measurements in the field. A water-resistant ABS plastic housing protects the electronic components of the meter from inclement weather and adverse operating conditions.

Specification

Relative humidity	
Measuring range	0 ... 50 %
Resolution	0,1 %
Accuracy	±(5% +5 Digits) FS

General technical data	
Measuring functions	MIN, MAX, HOLD
Display type	LCD
Display size	1,3 Inch
Current consumption meter	5 mA
Automatic power-off	10 min
Housing	ABS (acrylonitrile-butadiene-styrene copolymers)
Dimensions	Probe: L 220 mm x Ø 10 mm
Measuring interval	0,8 s
Menu language	English, English (GB)
Protection class (device)	IP67
Power supply	batteries
(Rechargeable) battery	4 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 % RH
Storage conditions	0 ... 50 °C , 0 ... 80 % RH
Dimensions (L x W x H)	140 x 40 x 40 mm
Weight	200 g

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