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Datasheet Moisture Analyser

PCE-HMM 25 / 50 / 100 / 270

Technical Specification on the Universal Moisture Meter

Measuring ranges	Wood: 1 ... 75 % Material: 0.1 ... 2.4 % Temperature: -40 °C ... +70 °C / -40 ... +158 °F Humidity: 0 ... 100 %
Resolution	0.1 %
Accuracies	Wood: 1 ... 30 % / ± 1 % 31 ... 60 % / ± 2 % 61 ... 75 % / ± 4 % Materials: ± 0.5 % Temperature: -40 ... -10 °C, +40 ... +70 °C / ± 2 °C -10 ... +40 °C / ± 1 °C Humidity: 0 ... 20 %, 80 ... 100 % / ± 5 % 20 ... 80 % / ± 3.5 %
Electrode length	8 mm (internal), 30 mm and 150 mm (external)
Measuring principle	electrical resistance
Automatic turning-off function	after about 3 minutes (without using)
Automatic turning-off function (Display)	after about 10 seconds (without using)
Enclosure	Plastic, impact resistant
Battery	3 x CR 2032
Surrounding conditions	0 ... +40 °C, 0 ... 85 % RH
Measures	139 x 47 x 25 mm
Weight	100g (without electrode)