PELLET MOISTURE ANALYZER

PCE-PEL 20



- **Measuring range: 10 ... 20 % moisture content**
- **Resolution: 0.1 % moisture content**
- **1000 mm / 39.97" long acid-proof steel measuring probe**
- **Easy to use**
- **LCD display**
- **Battery-powered**

PCE-PEL 20 is a portable handheld digital moisture analyzer used to measure the moisture or water content of pellets and biomass such as sawdust, wood chips, straw, hay, sunflower shells, buckwheat, corn and soy. Designed in collaboration with biomass power plant operators, this pellet moisture analyzer features automatic temperature compensation.

The PCE-PEL 20 pellet moisture meter uses the resistance measuring method to determine a material's moisture or water content. Therefore, it is of great importance to select the appropriate characteristic curve and temperature when taking measurements with the pellet moisture meter. Simply plunge the measuring sensor probe into a pile of pellets and, once the value is stabilized, the moisture or water content percentage can be read. The pellet moisture tester only measures at the tip of its sensor probe. Thus, it is advised to perform several measurements at different points to achieve an adequate overview of the moisture or water content of a pile.

Specification

Humidity	
Material	Pellet
Measuring range	10 ... 20 %
Resolution	0,1 %

General technical data	
Temperature compensation	manual, 0 ... 50°C / 32 ... 122°F
Display type	LCD
Operating time additional information	approx. 10,000 measurements
Automatic power-off	10 min
Measurement time	3 s
Dimensions	Electrode: Ø 10 mm x 1000 mm
Readability	0,1 %
Menu language	English, English (GB)
Protection class (device)	IP41
Power supply	batteries
(Rechargeable) battery	1 x 12 V 23A , Alkali-manganese
Capacity	50 mAh
Operating conditions	0 ... 50 °C , 20 ... 85 % RH
Storage conditions	0 ... 50 °C , 20 ... 85 % RH
Dimensions (L x W x H)	60 x 50 x 1000 mm
Weight	900 g

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