

Technical Moisture Meter PCE-PEL 20

Portable pellets moisture Tester PCE-PEL 20 / sensor length 1000 mm / battery- powered / measuring range 10% to 20 % / easy, low-cost and quick measuring

The pellets moisture tester PCE-PEL 20 was designed in collaboration with biomass power plant operators. Since the heating value of pellets depends strongly on its moisture the pellets moisture tester ensures high efficiency. The pellets moisture tester performs a resistance moisture detection. This means that the pellets moisture meter measures the resistance of the test sample in order to gain information about its moisture due to its characteristic curve. Therefore it is of great importance to select the appropriate characteristic curve and temperature of the pellets moisture meter. The pellets moisture tester is applicable for comparative measurements of pellets that are made of either sawdust, wood chips, straw, hay, scraps of pellets, shells of sunflowers, buckwheat, corn, soy, etc. Therefore, simply plunge the 1000 mm long sensor into the pile of pellets and the measuring data will be collected after its stabilization. The pellets moisture tester only measures at the tip of its sensor-probe. It is advised to perform several measurements at different points in order to achieve an adequate overview of the water content of the pile. Thus the pellets moisture tester PCE-PEL 20 helps providing quick, easy and low-cost information about pellets moisture.

- measuring range from 10 % to 20 %
- resolution 0.1 %
- 1000 mm measuring sensor
- simple handling
- LCD display
- battery-powered

Technical Specifications

Measuring range moisture	10 ... 20 %
Resolution	0.1 %
Temperature compensation	manually, 0 ... +50 °C
Response time	approx. 3 sec.
Measuring sensor	Ø 10 mm x 1000 mm, stainless steel
Display	LCD
Power supply	12 V battery type 23A
Battery life	Approx. 10,000 measurements
Automatic Power Off	after approx. 10 minutes
Dimensions of carrying case	Ø 80 mm x 12500 mm
Weight	approx. 900 g

Delivery content

1 x pellets moisture tester PCE-PEL 20, 1 x battery, 1 x instruction manual, 1 x carrying case