ABSOLUTE MOISTURE METER

PCE-MA 200TS



- **Measurement range from 0 ... 100%**
- **Weighing range up to 200 g**
- **High resolution of 0.01 g**
- **Heating temperature from 40 ... 165 °C**
- **Memory for 32 measurements**
- **Suitable for various materials**

The absolute moisture meter has a measuring range of 0 ... 100% absolute humidity. The absolute moisture meter is operated via the 5" large touchscreen. To measure the moisture content with the absolute moisture meter, a sample is evenly distributed on the sample pan. The sample pan is then placed and sealed in the absolute moisture meter. After setting all parameters, the absolute moisture meter begins the measurement.

The absolute moisture meter determines the moisture content based on the measured weight difference, relative to the weight before and after drying the sample. The adjustable temperature range for the absolute moisture meter is between 40 ... 165 °C. Thus, a specific drying temperature for the sample can be selected with the absolute moisture meter. The generated drying temperature is produced by a built-in halogen lamp with a diameter of 90 mm.

The drying process of the sample makes the absolute moisture meter usable in various fields.

Specification

Absolute moisture	
Measuring range	0 ... 100 %
Resolution	0,01 %
Accuracy	±0.04 %
Weighing range	
Measuring range from	0 g
Measurement range up to [Max]	200 g
Resolution [d]	0,01 g
Accuracy	±0.04 g

General technical data	
Measuring functions	ATRO moisture content %R, Dry content %D, Moisture content %M, Starting weight %W
Display type	LC touch display
Display size	5 Inch
Display refresh rate	10 x per second
Measuring rate	1 Hz
Storage capacity	32 Data records
Interface	RS232
Heating element	Halogen light
Heating temperature	40 ... 165 °C
Termination criteria	Weight loss, Time
Menu language	Turkish, English, Polish, Spanish, German, Chinese, Russian, French, Italian, Dutch, Portuguese
Protection class (device)	IP20
Power supply	110 ... 240V AC | 50/60 Hz
Connector type	Cold-device plug
Operating conditions	20 ... 25 °C , 40 ... 60 % RH
Storage conditions	0 ... 40 °C , 0 ... 80 % RH
Dimensions (L x W x H)	375 x 225 x 205 mm
Other dimensions	Sample pan Ø 90 mm, height 6 mm
Weight	3700 g