

MULTIFUNCTION MOISTURE ANALYZER

PCE-MA 202



- » **Testing or weighing sample capacity: 200 g**
- » **Readout, readability or resolution: 10 mg / 0.01 g / 0.1 %**
- » **Halogen-heated oven or chamber for moisture determination**
- » **RS-232 interface**
- » **Memory for up to 15 drying programs**
- » **Adjustable drying temperature and time**
- » **Easy to use**
- » **Calibration function for readjustment**
- » **100 g calibration weight included**
- » **Large LCD screen with nine membrane keys**

PCE-MA 202 is an oven-drying moisture analyzer for weighing and heating material samples to determine moisture content. The heating chamber is heated by halogen lamps up to 199 °C. In this chamber, the moisture analyzer or moisture balance dries the sample to be weighed, and then calculates the moisture content from the weight difference. The moisture analyzer can determine the smallest weight differences thanks to a readout, readability or resolution of 10 mg / 0.01 g / 0.1 %. The results are displayed on the large, easy-to-read LCD screen.

Up to 15 different drying programs can be stored in the memory of the moisture analyzer. Accordingly, the moisture analyzer is suitable for determining the moisture content of everything from food, biomass, pellets, pastes, animal feed, nuts, seeds, beans, lentils and legumes to soil, sand, ceramic clay, resin and brick materials. With the included 100 g weight, the moisture analyzer can be calibrated quickly and easily at any time.

Specification

Absolute moisture

Measuring range 0 ... 100 %

Resolution 0,1 %

Weighing range

Measurement range up to [Max] 200 g

Resolution [d] 0,01 g

Accuracy 0.03 g

General technical data

Display type LCD with backlight

Digit size [WxH] H: 17 mm

Storage capacity 15 Programs

Interface RS232

Heating element Halogen light

Heating temperature 40 ... 199 °C

Repeatability 0,03 g

Dimensions Halogen lamp: Ø 90 mm

Drying time 1 ... 99 min.

Settling time 3 s

Linearity 0.03 g

Menu language English, English (GB)

Protection class (device) IP20

Power supply 220 V / 50 Hz

Connector type Cold-device plug

Operating conditions 5 ... 35 °C , 0 ... 75 % RH

Storage conditions 0 ... 40 °C , 0 ... 75 % RH

Dimensions (L x W x H) 200 x 180 x 380 mm

Weight 4400 g