



# Moisture Analyzer

PCE-MA 100

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## PCE-MA 100 Moisture Analyzer

### Oven-drying moisture balance for weighing and halogen-heating samples to determine moisture content

PCE-MA 100 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 1 mg / 0.001 g / 0.01 %. 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

Testing or weighing sample capacity	110 g
Readout, readability or resolution	1 mg / 0.001 g / 0.01 %
Heating element	Halogen lamp
Temperature range	+40 ... +199 °C
Heating time	1 ... 99 min. adjustable
Moisture content measurement range	0 ... 100 %
Memory	15 drying programs
Interface	RS-232 port
Display	LCD, 9 membrane keys
Power supply	220 V / 50 Hz or 110 v / 60 Hz
Dimensions	200 x 180 x 380 mm / 7.87 x 7.09 x 14.96"
Weight	Approx. 4.4 kg / 9.71 lbs

### Delivery content:

- 1 x PCE-MA 100 moisture analyzer
- 1 x wind protection shield
- 50 x sample pans
- 1 x power supply cord
- 1 x sample cup holder / handle
- 1 x 100 g weight in plastic box
- 1 x user manual