PCE Instruments

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# **Technical Specification Precision Balances PCE-MA 110**

#### Laboratory Balance PCE-MA 110

### Measuring range 110 g / Readability 10 mg / 0.01 g / Heating chamber for moisture determination / RS-232 interface / Internal memory for 15 drying programs / Calibration

The laboratory balance PCE-MA 110 allows different materials to be weighed and their moisture contents determined. Theheating chamber is heated by halogen lamps up to 199 °C. In this chamber, the laboratory balance dries the material to be weighed and then calculates the moisture content from the weight difference. The laboratory balance can determine thesmallest weight differences thanks to a readability of 0.01 g. The results are displayed on the large LCD display. Up to 15different drying programs can be stored in the memory of the laboratory balance. Accordingly, the laboratory balance is suitable for quality control of granules, pellets or feed. In addition, the laboratory balance can also be connected via the RS-232interface to a PC. With the included 100 g weight and the integrated calibration the laboratory balance can be readjusted at any time.

- Weighing range: 110 g	- Adjustable heating
- Readability: 10 mg / 0.01 g	- Ease of use
- Heating chamber for moisture determination	- Calibration function for readjustment
- RS-232 interface	- 100 g calibration weight included
- Memory for up to 15 drying programs	- Large LCD display with nine membrane keys

#### **Technical Data**

Weighing range	110 g
Readability	10 mg / 0.01 g
Heating element	halogen lamp
Temperature range	+40 +199 °C
Heating time	1 99 min. adjustable
Humidity measurement range	0 100 %

Readability	0.2 %
Memory	15 drying programs
Interface	RS-232
Display	LCD, 9 membrane keys
Power supply	220 V / 50 Hz
Dimensions	200 x 180 x 380 mm

## Scope of delivery

1x Laboratory Balance PCE-MA 110, 1x wind protection, 1x sample cup, 1x power cord, 1x sample

cup holder / handle, 1x 100 g weight in plastic box, 1x user manual