HIGH-PRECISION MOISTURE BALANCE

PCE-MA 60XT

- **Sample weight max. 6 g**
- **Readability .1 mg = .1 g = .1 % humidity**
- **Round 4 watt IR halogen lamp**
- **Drying temperature adjustable from 35 °C up to 16 °C in 1 °C steps**
- **Sample dish size Ø1 mm / h= 8 mm**
- **5" color touch display**
- **Memory for up to 3 performed moisture determinations**
- **Data transfer as TXT file to USB stick directly possible**
- **User database / product database / measurement database**

The precision moisture analyzer enables accurate and simple moisture determination in a wide range of materials. The sample is automatically weighed, dried and the weight loss is displayed as moisture content. This measuring principle does not require any time-consuming creation of characteristic curves and is immediately ready for use shortly after installation.
For the weighing task, the precision moisture analyzer has an electromagnetic load cell installed which registers the weight loss with a measuring resolution of .1 mg = .1 g. For drying the sample, a moisture analyzer is installed in the sample chamber. To dry the sample, a 4 watt halogen round lamp is installed in the lid to ensure uniform heat distribution.
To avoid burning the sample, the user of the moisture analyzer can access the internal product database or set the drying temperature between 35 °C and 16 °C in 1 °C steps, product specific. The product database has preset drying parameters that can be easily expanded and changed by the user.

Specification

Weighing range	
Measuring range max.	60 g
Resolution	0,0001 g

General technical data	
Display Typ	Color touch display
Display size	5 Inch
Data interface	RS232, USB A
Reproducibility	Weight measurement ±0.0003 g / moisture measurement ±0.18 % (based on 2 g sample)
Measuring principle	Gravimetric moisture determination
Menu language	German, English (US), French, Italian, Spanish
Power supply	220 V / 50 Hz
Connector type	IEC plug
Dimensions (L x W x H)	345 x 215 x 235 mm
Weight	6100 g