MOISTURE BALANCE

PCE-UX 3011-ICA



- **weighing range: 220 g**
- **sample weight: min. 4 g**
- **sample volume: max. 95 cm³**
- **weighing pan inside: Ø 105 / 115 mm**
- **adjustable heating temperature: 40 ... 180 °C**
- **radiator power: 250 W**
- **PreFlash up to 180 °C**
- **time setting: 1 ... 180 min**
- **menu lock**
- **incl. ISO-Calibration Certificate**

Our moisture balance is a precise device for determining moisture in liquid and solid materials. It is suitable for various applications in raw material extraction, production, processing, research and recycling. With a maximum sample weight of 220 g and a high measuring resolution of 0.001 g, the moisture balance enables precise moisture measurement.

The balance works on the principle of drying with simultaneous weighing. During drying, the weight loss is continuously recorded and displayed as a percentage of the total mass. With a heater output of 250 W and an adjustable heating temperature of 40 °C to 180 °C, the moisture balance ensures quick and flexible drying of the samples.

Specification

Absolute moisture	
Measuring range	0 ... 100 %
Resolution	0,01 %
Accuracy	0.01 %
Weighing range	
Measuring range from	0 g
Measurement range up to [Max]	220 g
Resolution [d]	0,001 g
Accuracy	0.001 g

General technical data	
Outputs	V24
Measuring functions	% moisture, % dry matter, % moisture bd, g residual weight / kg, Residual weight
Display type	LCD with backlight
Display size	4 Inch
Interface	USB, RS232
Heating temperature	40 ... 180 °C
Minimum load [min]	4 g
Dimensions	Bowl size inside: Ø 105 / 115 mm Inner shell height: 9 mm
Menu language	English, English (GB), German
Protection class (device)	IP20
Power supply	230 V AC | 48/63 Hz
Connector type	Schuko plug
Operating conditions	10 ... 40 °C , 0 ... 90 % RH
Storage conditions	10 ... 40 °C , 0 ... 90 % RH
Dimensions (L x W x H x D)	380 x 323 x 440 x 280 mm
Weight	7600 g

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