MOISTURE BALANCE

PCE-UX 3011HQ-ICA



- **weighing range: 200 g**
- **sample weight: min. 4 g**
- **sample volume: max. 95 cm³**
- **weighing pan inside: Ø 105 / 115 mm**
- **adjustable heating temperature: 105 ... 600 °C**
- **radiator power: 375 W**
- **time setting: 1 ... 180 min**
- **menu lock**
- **incl. ISO-Calibration Certificate**

Our moisture balance for temperature-insensitive materials is suitable for various applications in raw material extraction, production, processing, research and recycling. With a maximum sample weight of 200 g and a high measuring resolution of 0.001 g, the moisture balance enables precise moisture measurement.

The moisture analyser 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 375 W and an adjustable heating temperature of 105 °C to 600 °C, the moisture balance ensures fast and flexible drying of the samples. For measurement evaluation, the device offers various parameters such as % moisture, % dry mass, % moisture bd as well as g residual weight / kg and residual weight, which enable the sample to be analysed.

The functions include an automatic power-off function which stops the drying process when a constant weight is reached.

Specification

Weighing range	
Measuring range from	0 g
Measurement range up to [Max]	200 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	RS232, USB
Heating temperature	105 ... 600 °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	230V 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 330 x 280 mm
Weight	8500 g

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 4649020
info@pce-instruments.co.uk