# 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 Meter 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 Meter 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 analyser ensures fast and flexible drying of the samples. For measurement evaluation, the device offers various parameters such as % moisture, % dry mass, % moisture ATRO as well as g residual weight / kg and residual weight, which enable the sample to be analysed.

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

## Specification

| Weighing range | |
|---|---|
| Measuring range from | 0 g |
| Measuring range max. | 200 g |
| Resolution | 0,001 g |
| Accuracy | 0.001 g |

| General technical data | |
|---|---|
| Outputs | V24 |
| Measuring functions | % Humidity, % dry matter, % humidity ATRO, g Residual weight / kg, Residual weight |
| Display Typ | LCD with illumination |
| Display size | 4 Inch |
| Interface | RS232, USB |
| Heating Temperature | 105 ... 600 °C |
| Minimum load [min] | 4 g |
| Dimensions | Inner shell size: Ø 105 / 115 mm<br>Inner shell height: 9 mm |
| Menu language | English (US), English (GB), German |
| Protection class (device) | IP20 |
| Power supply | 230V AC \| 48/63 Hz |
| Connector type | Earthing contact 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 |

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