

MOISTURE ANALYSER BALANCE

PCE-UX 3011QD-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: 105 ... 360 °C**
- » **Radiator power: 375 W**
- » **Time setting: 1 ... 180 min**
- » **Menu lock**
- » **incl. ISO-Calibration Certificate**

Our moisture analyser balance is the special device for temperature-insensitive materials with a maximum drying temperature of up to 360 °C. It is ideal for applications in raw material extraction, production, processing, research and recycling, as well as especially for building materials such as cement, concrete and gravel and the chemical industry, including powders, granulates and pastes. With a maximum sample weight of 220 g and a high measuring resolution of 0.001 g, it enables precise moisture measurement.

The operating principle is based on drying with simultaneous weighing, whereby the weight loss is continuously recorded and displayed as a percentage of the total mass. With an emitter output of 375 W and an adjustable heating temperature of 105 °C to 360 °C, the moisture analyser ensures fast, precise drying, even with challenging materials.

Specification

Absolute moisture

Measurement range up to 0 ... 100 %

Resolution 0,01 %

Accuracy 0.01 %

Weighing range

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 105 ... 360 °C

Minimum load [min] 4 g

Menu language English, German, English (GB)

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 380 x 280 x 280 mm

Other dimensions Inner pan size: Ø 105 / 115 mm
Inner pan height: 9 mm

Weight 7700 g