

MOISTURE ANALYSER 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 analyser 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 analyser balance enables precise moisture measurement.

The scale 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 analyser balance ensures fast and flexible drying of the samples.

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 40 ... 180 °C

Minimum load [min] 4 g

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 380 x 440 x 280 mm

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

Weight 7600 g