

MOISTURE BALANCE

PCE-UX 3081-ICA



- » **Weighing range: 400 g**
- » **Sample weight: Min. 20 g**
- » **Sample volume: max. 360 cm³**
- » **Weighing pan inside: 230 x 97 mm / 243 x 111 mm**
- » **Adjustable heating temperature: 40 ... 220 °C**
- » **Radiator power: 2 x 250 W**
- » **Time setting: 1 ... 180 min**
- » **Menu lock**
- » **incl. ISO-Calibration Certificate**

Our moisture balance has been specially developed for light and bulky materials. It has an exceptionally large drying tray and is suitable for applications in the fields of raw material extraction, production, processing, research and recycling.

With a maximum weighing capacity of 400 g, a volume of 360 cm³ and a high measuring resolution of 0.001 g, the moisture balance enables precise and reliable moisture measurements. The scale works according to the principle of drying with simultaneous weighing: The weight loss is continuously recorded and displayed as a percentage of the total mass. Equipped with a heater output of 2 x 250 W and an adjustable heating temperature of 40 °C to 220 °C, the moisture balance offers fast and flexible drying of samples.

Specification

Absolute moisture

Measurement range up to 0 ... 100 %

Resolution 0,01 %

Accuracy 0.01 %

Weighing range

Measurement range up to (Max) 400 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 ... 200 °C

Minimum load [min] 20 g

Menu language German, English, English (GB)

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) 440 x 440 x 240 x 330 mm

Other dimensions Inner pan size: 230 x 97 mm / 243 x 111 mm
Inner pan height: 17 mm

Weight 13200 g