

MOISTURE ANALYSER BALANCE

PCE-UX 3081WQ

- » **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: 105 ... 360 °C**
- » **Radiator power: 2 x 400 W**
- » **Time setting: 1 ... 180 min**
- » **Menu lock**



Our moisture analyser balance has been specially developed for light and bulky materials. It has an exceptionally large drying pan 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 analyser 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 400 W and an adjustable heating temperature of 105 °C to 360 °C, the moisture analyser balance offers fast and flexible drying of samples. The device provides various parameters for analysis, including % moisture, % dry matter, % moisture ATRO as well as g residual weight/kg and residual weight.

The practical functions include an automatic switch-off function that stops the drying process when the constant weight is reached. This can be flexibly set to three criteria: Query start, query interval and weight loss per query interval. A timer with an adjustable duration of 1 to 180 minutes is also available. A menu lock protects the parameters against unintentional adjustment; the menu can be locked by PIN, whereby the CAL menu item remains accessible.

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 105 ... 360 °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