

MOISTURE MEASUREMENT

MOISTURE BALANCE

PCE-UX 3081WQ

For light and bulky materials / weighing range 400 g

Our Moisture Meter 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 Meter enables

precise and reliable moisture measurements. The balance 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. With a heater output of 2 x 400 W and an adjustable heating temperature of 105 °C to 360 °C, the Moisture Meter offers quick and flexible drying of samples.

ISO cal option

- » all Temperature-insensitive materials up to 360 °C
brass chips, steel chips, titanium chips
- » large drying tray 110 x 240 x 20 mm
- » weight up to 400 g
- » fast and accurate results
- » robust industry standard
- » sample weight: min. 20 g
- » sample volume: max. 360 cm³



APPLICATION



TECHNICAL SPECIFICATIONS

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	
Heating temperature	105 ... 360 °C
Outputs	V24
Measurable materials	brass chips steel chips titanium chips
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
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

Further model:

PCE-UX 3081

Heating temperature

Measurable materials

40 ... 200 °C

all light, voluminous materials

wood chips

wood fibers,

pellets

grasses,

straw, hay

animal feed

silage, tacco leaves

tea leaves

granules

powder



PCE-UX 3081



Subject to change without notice