

ADVANCED MOISTURE ANALYZER PMR

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The PMR Moisture analyzer is a laboratory measuring instrument that determines relative humidity for small samples, of different materials. The PMR series redefines moisture analyzer standards. The PMR is equipped with a new readable LCD display, providing an extra text line for information such as supplementary messages and data, e.g. product name or tare value. The PMR analyzer, uses respective pictograms, showing the currently activated mode, computer connection and functions.

The PMR series is enriched with various interfaces: RS232, USB type A, USB type B and Wifi as an option. The moisture analyzer is housed in a plastic casing.

DATABASES

The information system of the PMR series is based on 6 databases, allowing multiple operators to operate product databases comprising many samples. The collected measurements may be used for subsequent analysis'.

Collected data is registered in 6 databases:

- Users (up to 100 users)
- Products (up to 1000 products)
- Weighments (up to 1000 weighments)
- Tares (up to 100 tares)
- Programs (up to 100 drying programs)
- Drying process reports (up to 1000 reports)

The exchange of information within the system is performed by means of a USB port on a bi-directional basis. It is possible to import and export databases using memory sticks.

Direct access to information

It is possible to access functions and databases directly, using keyboard soft keys.

Database – access to databases

Function – access to basic functions

F1 and F2 – programmable function keys and menu navigation keys

Reports – access to database of drying process reports

Profile – access to parameters settings

Sample – access to products database

QUOTATIONS & PRICING

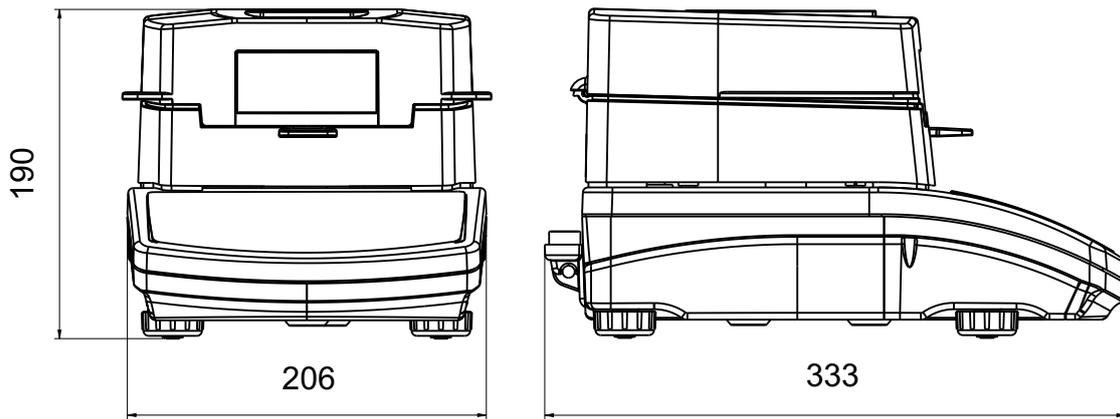
Technical data:

	PMR 50/1/NH	PMR 50/NH	PMR 110/NH	PMR 210/NH
Max capacity	50 g	50 g	110 g	210 g
Reading unit	0,1 mg	1 mg	1 mg	1 mg
Tare range	-50 g	-50 g	-110 g	-210 g
Max sampling mass	50 g	50 g	110 g	210 g
Accuracy of moisture reading	0,0001 %	0,001 %	0,001 %	0,001 %
Moisture readout repeatability	0,1% (for a sample with weight of about 2 g), 0,02% (for a sample with weight of about 10 g)			
Maximal height of the tested sample	h= 20 mm			
Pan size	ø 90 mm, h= 8 mm			
Range of drying temperature *	max. 160° C			
Heating module **	IR emitter			
Drying modes	4 drying modes (standard, quick, step, mild)			
Auto switch off options	4 modes (time, defined, automatic, manual)			
Additional functions	sample identification			
Working temperature	+10° ÷ +40 °C			
Power suply	110 ÷ 240V AC, 50÷60 Hz			
Display	LCD (backlit)			
Net weight / Gross weight	4,9 / 6,4 kg			
Packaging dimensions	470×380×336 mm			

* Moisture analyzer available with upgraded maximum drying temperature to 250°C

** Optional heating module: WH -halogen (max= 250°C); NS - metal heater (max= 160°C)

Dimensions:



Additional equipment:

Anti-Vibration Table (coated or stainless steel)	GT105k-12/Z Control Thermometer
EPSON Printer	Adjustment Weight
Disposable Weighing Pans	PW-WIN, RAD-KEY PC Software
PC Keyboard	Calbe RS 232 (balance - computer) "P0108"
Water Vapour Permeability Determination Set	Cable RS 232 (balance - Epson, Citizen printer) "P0151"

COFFEE

LABORATORY