MOISTURE ANALYZER PMR

release date 05-01-2015



Moisture analyzer is a laboratory measuring instrument intended to determine relative humidity for small samples of different materials. PMR series redefines moisture analyzers standards.
This series has been equipped with brand 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 moisture analyzer, using respective pictograms, signalizes currently activated mode, computer connection and functions, both balance and service ones.
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

Information system of R series moisture analyzers is based on 6 databases, allowing many operators to operate product database comprising many samples. Collected measurements may be subjected to 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)

Exchange of information within the system is performed by means of USB port on 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

Technical data:

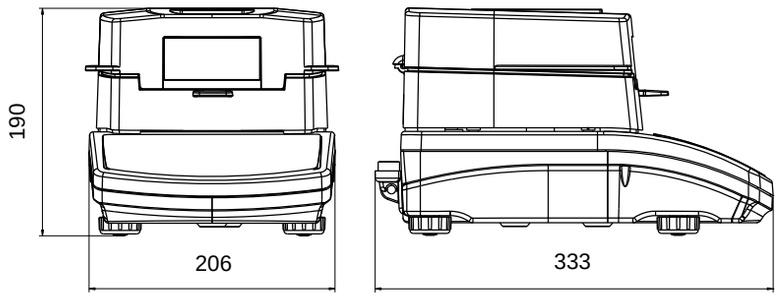
	PMR 50/1/NH	PMR 50/NH	PMR 110/NH	PMR 210/NH
Max capacity	50 g	50 g	110 g	210 g
Reading unit	0,1 mg	1 mg	1 mg	1 mg
Tare range	-50 g	-50 g	-110 g	-210 g
Max sampling mass	50 g	50 g	110 g	210 g
Accuracy of moisture reading	0,0001 %	0,001 %	0,001 %	0,001 %
Moisture readout repeatability	0,1% (for a sample 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)

Labequip
170 Shields Court Unit 2
Markham, ON L3R 9T5
TEL: (905) 475-5880 ext. 226
FAX: (905) 475-1231

Get it from your authorized distributor: www.labequip.com Labequip ask@labequip.com

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"

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