



## Moisture analyzers MAC

מק"ט: 06130001

Moisture analyzer is a laboratory measuring instrument intended to determine relative humidity for small samples of different materials. MA.R 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 MA.R series is enriched with various interfaces: RS232, USB type A, USB type B and Wireless Connection 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)
- Weighings (up to 1000 weighings)
- 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

# DATASHEET

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Maximum capacity [Max]	50 g
Readability [d]	1 mg
Tare range	-50 g
Operating temperature	+10 - +40 °C
Weighing pan dimensions	ø 90, h = 8 mm
Power supply	230V 50Hz AC
Display	LCD (backlit)
Communication interface	1×RS 232, USB-A, USB-B, Wireless Connection (option)
Packaging dimensions	470×380×336 mm
Maximum sample weight	50 g
Moisture content readability	0,001 %
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Drying temperature range	max 160 °C
Heating module	IR emitter
Maximum sample height	h = 20 mm
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability
Heating module power	450 W
Power consumption	4 W
Net weight	4,8 kg

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