



More information on the website
radwag.com/en/info,w1,F03

MA 50.R Moisture Analyzer



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The drawings, photos and graphics used are for illustrative purposes only.

Functions



Drying modes



Samples drying



Moisture content
analysis



Dry mass determination

Datasheet

| | MA 50.R Moisture Analyzer |
|---------------------------------|---|
| Metrological parameters | |
| Maximum capacity [Max] | 50 g |
| Readability [d] | 1 mg |
| Tare range | -50 g |
| Adjustment | external |
| Maximum sample weight | 50 g |
| Heating module | IR emitter |
| Moisture content repeatability | +/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g) |
| Moisture content readability | 0,001% |
| Drying temperature range | max 160 °C |
| Physical parameters | |
| Leveling system | manual |
| Display | LCD (backlit) |
| Protection class | IP 43 |
| Weighing pan dimensions | ø90, h= 8 mm |
| Packaging dimensions | 470×380×336 mm |
| Net weight | 4,8 kg |
| Gross weight | 6,3 kg |
| Communication interface | |
| Communication interface | RS232 ¹ , USB-A, USB-B, Wi-Fi |
| Electrical parameters | |
| Power supply | 100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz |
| Power consumption | 4 W |
| Heating module power | 450 W |
| Environmental conditions | |
| Operating temperature | +10 ÷ +40 °C |
| Features of use | |
| Drying method | 4 drying profiles (standard, fast, step, mild) |
| Finish mode | 4 modes (automatic, manual, time-defined, user-defined) |
| Additional functions | sample traceability |

1 Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Accessories

Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Balance Storage Case

Antivibration Tables
Receipt Printer
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

RAD-KEY

LabVIEW Driver

Device dimensions

MA 50.R Moisture Analyzer

