



More information on the website
radwag.com/en/info,w1,6Q2

MA 110.R Moisture Analyzer



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

Functions



Drying modes



Samples drying



Moisture content analysis



Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Readability [d]	1 mg
Tare range	-110 g
Adjustment	external
Maximum sample weight	110 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)
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	476×381×346 mm
Net weight	4.8 kg
Gross weight	5.5 kg
Protection class	IP 43
Maximum sample height	20 mm
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

- PD9330-AR Barcode Scanner [WX-006-0030]
- LS2208 Barcode Scanner [WX-006-0005]

Moisture analyzer accessories

- Fabric Dust Cover for MA R, MA X2 Moisture Analyzers [WX-003-0026]
- Glass Fibre Filters [WX-003-0102]
- Transport Case for MA X2, MAR Moisture Analyzer [WX-003-0023]
- GT105k-12/Z Control Thermometer [WX-003-0016]
- Disposable Pans [WX-003-0002]
- Reference Material Sodium Chloride [WX-003-0103]
- Water Vapour Permeability Determination Set [WX-003-0009]
- MV Test Set [WX-003-0104]
- Voluminous Sample Container [WX-003-0029]

Antivibration Tables

- SAL/C Laboratory Anti-Vibration Table [WX-001-0076]

Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

RS 232, RS 485 cables

- P0108 Cable [WX-013-0003]
- P0108.5 Cable [WX-013-0161]

RS 232 cables (scale - printer)

- P0151 Cable [WX-013-0002]

Software

- RAD Key [WX-010-0005]
- E2R Moisture Analyzers [WX-010-0072]
- RADWAG Development Studio [WX-010-0104]
- LabVIEW "Radwag Balances & Scale" Driver [WX-010-0105]
- Alibi Reader [WX-010-0114]

Device dimensions

