radwag.com

MA 210.R Moisture Analyzer

More information on the website
radwag.com/en/info,w1,8QN

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

Functions

- Autotest
- Statistics
- GLP Procedures
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	210 g
Readability [d]	1 mg
Tare range	-210 g
Adjustment	external
Maximum sample weight	210 g
Heating module	IR emitter
Moisture content repeatability	+/-0.05% (sample ~ 2g), +/-0.01% (sample ~ 10g)

Metrological parameters	
Moisture content readability	0.001%
Drying temperature range	Max 160 °C
Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Maximum sample height	20 mm
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	476×381×346 mm
Net weight	4.8 kg
Gross weight	6 kg
Construction	
Protection class	IP 43
Features of use	
Display mode	%MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability
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
SOP – metrological tests	
Mass indication control	External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer)
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Internal adjustment	For .IC models only, GLP report
External adjustment	For all models, GLP report
Drying temperature control	One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set
Adjustment	
Internal / External adjustment	Depending on the type of moisture analyzer, GLP report
Drying temperature adjustment	Three-point adjustment at defined temperatures, programmable values (equipment: GT105k-12/Z Control Thermometer)

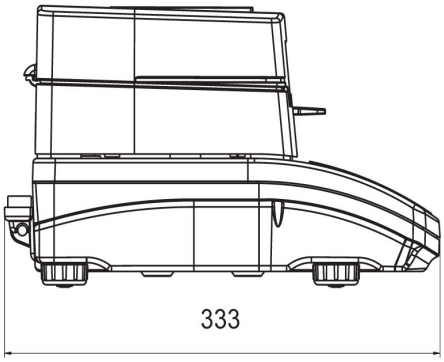
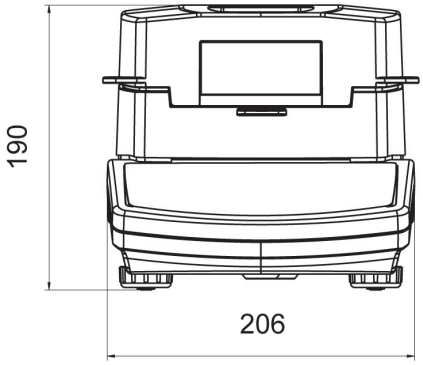
[1] Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

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

Accessories

Antivibration Tables
Moisture analyzer accessories
Barcode scanners
Receipt Printer
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

• RAD Key [WX-010-0005]
• RADWAG Development Studio [WX-010-0104]

Device dimensions