



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

MA 50.R Moisture Analyzer



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]	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 ~ 2 g), ±0.01 % (sample ~ 10 g)

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	4.63 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	100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz
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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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
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

