



More information on the website  
[radwag.com/en/info,w1,FDP](http://radwag.com/en/info,w1,FDP)

### MA 50/1.R Moisture Analyzer



MA 50/1.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

	<b>MA 50/1.R Moisture Analyzer</b> WL-305-0002
<b>Metrological parameters</b>	
Maximum capacity [Max]	50 g
Readability [d]	0,1 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)
Moisture content readability	0,0001 %
Drying temperature range	Max 160 °C
<b>Physical parameters</b>	
Leveling system	manual
Display	5,3" LCD (backlit)
Maximum sample height	20 mm
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions W x D x H	476×381×346 mm
Net weight	4,8 kg
Gross weight	6 kg
<b>Construction</b>	
Protection class	IP 43
<b>Features of use</b>	
Display mode	%D, %M, %R, g
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability
<b>Communication interface</b>	
Communication interface	RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi
<b>Electrical parameters</b>	
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
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C
<b>SOP – metrological tests (additional options)</b>	
Drying temperature control	One- or two-point, depending on the drying profile (additional equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set (additional equipment)

<sup>1</sup> 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 (Additional Fee)

Antivibration Tables  
Moisture analyzer accessories  
Barcode scanners

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

## Software (Additional Fee)

RAD-KEY

RADWAG Development Studio

## Device dimensions W x D x H

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