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## MA 50.R Moisture Analyzer

More information on the website  
[radwag.com/en/info,w1,F03](http://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

	<b>MA 50.R Moisture Analyzer</b> WL-305-0001
<b>Metrological parameters</b>	
<b>Maximum capacity [Max]</b>	50 g
<b>Readability [d]</b>	1 mg
<b>Tare range</b>	-50 g
<b>Adjustment</b>	external
<b>Maximum sample weight</b>	50 g
<b>Heating module</b>	IR emitter
<b>Moisture content repeatability</b>	±0,05 % (sample ~ 2 g), ±0,01 % (sample ~ 10 g)
<b>Moisture content readability</b>	0,001 %
<b>Drying temperature range</b>	Max 160 °C
<b>Physical parameters</b>	
<b>Leveling system</b>	manual
<b>Display</b>	5,3" LCD (backlit)
<b>Maximum sample height</b>	20 mm
<b>Weighing pan dimensions</b>	ø90, h= 8 mm
<b>Packaging dimensions W x D x H</b>	476×381×346 mm
<b>Net weight</b>	4,63 kg
<b>Gross weight</b>	6 kg
<b>Construction</b>	
<b>Protection class</b>	IP 43
<b>Features of use</b>	
<b>Display mode</b>	%D, %M, %R, g
<b>Drying method</b>	4 drying profiles (standard, fast, step, mild)
<b>Finish mode</b>	4 modes (automatic, manual, time-defined, user-defined)
<b>Additional functions</b>	sample traceability
<b>Communication interface</b>	
<b>Communication interface</b>	RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi
<b>Electrical parameters</b>	
<b>Power supply</b>	100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz
<b>Power consumption</b>	4 W
<b>Heating module power</b>	450 W
<b>Environmental conditions</b>	
<b>Operating temperature</b>	+10 – +40 °C
<b>SOP – metrological tests (additional options)</b>	One- or two-point, depending on the drying profile (additional equipment: GT105k-12/Z Control Thermometer)
<b>Drying temperature control</b>	Certified MV Test Set (additional equipment)

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 (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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