



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

## MA 50/1.R Moisture Analyzer



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

## Functions



Drying modes



Samples drying



Moisture content  
analysis



Dry mass determination

# Datasheet

	MA 50/1.R Moisture Analyzer
<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 ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,0001%
Drying temperature range	max 160 °C
<b>Physical parameters</b>	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
<b>Communication interface</b>	
Communication interface	RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi
<b>Electrical parameters</b>	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	4 W
Heating module power	450 W
<b>Environmental conditions</b>	
Operating temperature	+10 ÷ +40 °C
<b>Features of use</b>	
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  
Protective cover for balances  
Moisture analyzer accessories  
Balance Storage Case

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

## Software

RAD-KEY

LabVIEW Driver

## Device dimensions

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