



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

# MA 50.R Moisture Analyzer



## Functions



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 ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 160 °C

Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
Protection class	IP 43
Maximum sample height	20 mm
Communication interface	
Communication interface	RS232 <sup>1</sup> , USB-A, USB-B, Wi-Fi
Electrical parameters	
Power supply	100-240 V AC 50/60 Hz
Power consumption	4 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability

<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

Receipt Printer  
Barcode scanners  
Protective cover for balances  
Moisture analyzer accessories

Balance Storage Case  
Antivibration Tables for Laboratory Balances  
RS 232, RS 485 cables  
RS 232 cables (scale - EPSON printer)

## Software

RAD-KEY  
E2R System  
RADWAG Development Studio

LabVIEW Driver  
Alibi Reader

## Device dimensions

