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[radwag.com/en/info,w1,CYB](http://radwag.com/en/info,w1,CYB)

# MA 50.X2.IC.A Moisture Analyzer



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

## Functions

- |   |  |   |  |
|---|--|---|--|
|  Autotest                    |  Dosing                 |  Percent Weighing              |  Parts counting   |
|  Peak hold                   |  Formulation            |  Newton unit measurement       |  Statistics       |
|  Checkweighing               |  IR sensors             |  Under-pan weighing            |  GLP Procedures   |
|  Animal weighing             |  Density determination  |  Ambient conditions monitoring |  Replaceable unit |
|  Statistical Quality Control |  ALIBI Memory           |  Drying modes                  |  Samples drying   |
|  Moisture content analysis   |  Dry mass determination |  Mass for titrator             |  Wi-Fi            |

## Datasheet

Metrological parameters	
Maximum capacity [Max]	50 g
Readability [d]	1 mg

<b>Metrological parameters</b>	
Tare range	-50 g
Adjustment	internal (automatic)
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
<b>Physical parameters</b>	
Leveling system	manual
Display	5" graphic color touchscreen
Protection class	IP 43
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	476×381×346 mm
Net weight	5,3 kg
Gross weight	7 kg
<b>Communication interface</b>	
Communication interface	RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi
<b>Electrical parameters</b>	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	6 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
Maximum sample height	20 mm

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  
E2R System  
RADWAG Development Studio

LabVIEW Driver  
Alibi Reader

# Device dimensions

