



More information on the website  
radwag.com/us/info,w1,U2C

# MA 50/1.X7.A Moisture Analyzer



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

## Functions

-  Autotest
-  Statistics
-  IR sensors
-  GLP Procedures
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Drying modes
-  Samples drying
-  Moisture content analysis
-  Dry mass determination
-  Wi-Fi

## Datasheet

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	7" graphic colour touchscreen
Weighing chamber	automatic
Maximum sample height	20 mm
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	476×381×346 mm
Net weight	5,2 kg
Gross weight	6,5 kg
<b>Construction</b>	
Protection class	IP 43
<b>Features of use</b>	
Display mode	%MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC
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, Ethernet, Wi-Fi
<b>Power supply</b>	
Power supply	100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz
Power consumption	6 W
Heating module power	450 W
<b>Operating temperature</b>	
Operating temperature	+10 – +40 °C
<b>Mass indication control</b>	
Mass indication control	External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer)
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<b>Drying temperature control</b>	
Drying temperature control	One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)
<b>Moisture content indication control</b>	
Moisture content indication control	Certified MV Test Set
<b>Drying temperature adjustment</b>	
Drying temperature adjustment	Three-point adjustment at defined temperatures, programmable values (equipment: GT105k-12/Z Control Thermometer)

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Accessories

Antivibration tables	RS 232, RS 485 cables
Moisture analyzer accessories	Additional modules
Barcode scanners	RS 232 cables (scale - printer)
Receipt Printer	RS 232 – RS 485 Converter
Protective cover for balances	

## Software

- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- E2R Moisture Analyzers [WX-010-0072]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

