



More information on the website
radwag.com/en/info,w1,F1B

MA 50.5Y.IC.NS 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

Metrological parameters	
Maximum capacity [Max]	50 g
Readability [d]	1 mg
Tare range	-50 g
Adjustment	internal (automatic)
Maximum sample weight	50 g
Heating module	metal heater
Moisture content repeatability	+/-0.05% (sample ~ 2g), +/-0.01% (sample ~ 10g)

Metrological parameters	
Moisture content readability	0.001%
Drying temperature range	Max 160 °C
Physical parameters	
Leveling system	półautomatyczny - LevelSENSING
Display	10" graphic colour touchscreen
Weighing chamber	automatic
Maximum sample height	20 mm
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	540×610×470 mm
Net weight	5.3 kg
Gross weight	6.8 kg
Construction	
Protection class	IP 43
Features of use	
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
Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	6 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
SOP – metrological tests	
Mass indication control	External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer)
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Internal adjustment	For .IC models only, GLP report
External adjustment	For all models, GLP report
Drying temperature control	One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set
Adjustment	
Internal / External adjustment	Depending on the type of moisture analyzer, GLP report
Drying temperature adjustment	Three-point adjustment at defined temperatures, programmable values (equipment: GT105k-12/Z Control Thermometer)

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

Antivibration Tables
Moisture analyzer accessories
Additional modules
Barcode scanners
Receipt Printer

Fingerprint Reader
Protective cover for balances
RS 232, RS 485 cables
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions

