



MA 50.5Y.IC.WH Moisture Analyzer, MA 50.5Y.IC.NS Moisture Analyzer

More information on the website
radwag.com/en/info,w1,41M



MA 50.5Y.IC.WH Moisture Analyzer
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

	MA 50.5Y.IC.WH Moisture Analyzer	MA 50.5Y.IC.NS Moisture Analyzer
Metrological parameters		
Maximum capacity [Max]	50 g	50 g
Readability [d]	1 mg	1 mg
Tare range	-50 g	-50 g
Adjustment	internal (automatic)	internal (automatic)
Maximum sample weight	50 g	50 g
Heating module	halogen	metal heater
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%	0,001%
Drying temperature range	Max 250 °C	Max 160 °C
Physical parameters		
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing chamber	automatic	automatic
Maximum sample height	20 mm	20 mm
Weighing pan dimensions	ø90, h= 8 mm	ø90, h= 8 mm
Packaging dimensions	540x610x470 mm	540x610x470 mm
Net weight	5,3 kg	5,3 kg
Gross weight	6,8 kg	6,8 kg
Construction		
Protection class	IP 43	IP 43
Features of use		
Display mode	%MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC	%MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC
Drying method	4 drying profiles (standard, fast, step, mild)	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability	sample traceability
Communication interface		
Communication interface	2xUSB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2xUSB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters		
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	6 W	6 W
Heating module power	450 W	450 W
Environmental conditions		
Operating temperature	+10 ÷ +40 °C	+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)	External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer)
Internal adjustment	For .IC models only, GLP report	For .IC models only, GLP report
External adjustment	For all models, GLP report	For all models, GLP report
Drying temperature control	One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)	One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set	Certified MV Test Set
Adjustment		
Internal / External adjustment	Depending on the type of moisture analyzer, GLP report	Depending on the type of moisture analyzer, GLP report

1 Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.



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 System
Label Editor R02
Scales Editor 2.1

RAD-KEY
RADWAG Remote Desktop
RADWAG Development Studio

Device dimensions

