MA 50/1.X7.IC.A.NS Moisture Analyzer, MA 110.X7.IC.A Moisture Analyzer
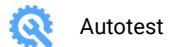
More information on the website
radwag.com/en/info,w1,4H9

MA 50/1.X7.IC.A.NS Moisture Analyzer
MA 110.X7.IC.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

	MA 50/1.X7.IC.A.NS Moisture Analyzer	MA 110.X7.IC.A Moisture Analyzer
Metrological parameters		
Maximum capacity [Max]	50 g	110 g
Readability [d]	0,1 mg	1 mg
Tare range	-50 g	-110 g
Adjustment	internal (automatic)	internal (automatic)
Maximum sample weight	50 g	110 g
Heating module	metal heater	IR emitter
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,0001%	0,001%
Drying temperature range	Max 160 °C	Max 160 °C
Physical parameters		
Leveling system	manual	manual
Display	7" touchscreen	7" 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	476×381×346 mm	476×381×346 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	RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	RS232, USB-A, USB-B, Ethernet, Wi-Fi
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	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	E2R System
Alibi Reader	Scales Editor 2.1
RADWAG Development Studio	

Device dimensions

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