MA 50.X7.IC.A.WH Moisture Analyzer

MA 50.X7.IC.A.WH 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.X7.IC.A.WH Moisture Analyzer WL-308-0020
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	halogen
Moisture content repeatability	±0,05 % (sample ~ 2 g), ±0,01 % (sample ~ 10 g)
Moisture content readability	0,001 %
Drying temperature range	Max 250 °C
Physical parameters	
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 W x D x H	476×381×346 mm
Net weight	5,15 kg
Gross weight	6,5 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	Products, Users, Packaging, Customers, Drying programs, Drying process reports, Ambient Conditions, Weighings
Features of use	
Display mode	%D, %M, %R, g
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	RS232[1], USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
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
Environmental conditions	
Operating temperature	+10 − +40 °C
SOP – metrological tests (additional options)	
Drying temperature control	One- or two-point, depending on the drying profile (additional equipment: GT105k-12/Z Control Thermometer)
Moisture content indication control	Certified MV Test Set (additional equipment)

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 (Additional Fee)

Antivibration Tables
Moisture analyzer accessories
Barcode scanners
Protective cover for balances
Receipt Printer

RS 232, RS 485 cables
Additional modules
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

RAD-KEY
Alibi Reader
RADWAG Development Studio

E2R System
Scales Editor 2.1

Device dimensions W x D x H

MA 50.X7.IC.A.WH Moisture Analyzer