



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

MA 50.5Y.IC Moisture Analyzer

WL-304-0058



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
Verification unit [e]	10 mg
Tare range	-50 g
Adjustment	internal (automatic)
OIML Class	II
Maximum sample weight	50 g

Metrological parameters	
Heating module	IR emitter
Moisture content repeatability	±0.05 % (sample ~ 2 g), ±0.01 % (sample ~ 10 g)
Moisture content readability	0.001 %
Drying temperature range	Max 160 °C
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Weighing chamber	automatic
Delivery components	Moisture Analyzer, disposable pan x 10, cross-shaped holder, drying pan handle, weighing pan shield, fabric dust cover, power cord
Maximum sample height	20 mm
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions W x D x H	540×610×470 mm
Net weight	5.3 kg
Gross weight	6.5 kg
Construction	
Protection class	IP 43
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	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
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
Mass indication control	External mass standard 50g, 100g, 200g, depending on the type of moisture analyzer (additional equipment)
Drying temperature adjustment	Three-point adjustment at defined temperatures, programmable values (additional equipment: GT105k-12/Z Control Thermometer)
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 USB interface exclusively.

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



Additional fee for verification



Accessories (Additional Fee)

Antivibration Tables
Moisture analyzer accessories
Additional modules
Barcode scanners
Receipt Printer

Fingerprint Reader
RS 232, RS 485 cables
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor 2.1 [WX-010-0173]

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

Device dimensions W x D x H

