



More information on the website
mirror.radwag.com/en/info,w1,62E

MA 50.R.WH Moisture Analyzer

WL-305-0005



The drawings, photos and graphics used are for illustrative purposes only.

Functions



Autotest



Statistics



GLP Procedures



Replaceable unit



Statistical Quality Control



ALIBI Memory



Drying modes



Samples drying



Moisture content analysis



Dry mass determination

Datasheet

| Metrological parameters | |
|--------------------------------|-------------------------------------------------|
| Maximum capacity [Max] | 50 g |
| Readability [d] | 1 mg |
| Tare range | -50 g |
| Adjustment | external |
| Maximum sample weight | 50 g |
| Heating module | halogen |
| Moisture content repeatability | ±0.05 % (sample ~ 2 g), ±0.01 % (sample ~ 10 g) |

| Metrological parameters | |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Moisture content readability | 0.001 % |
| Drying temperature range | Max 250 °C |
| Physical parameters | |
| Leveling system | manual |
| Display | 5.3" LCD (backlit) |
| 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 | 4.8 kg |
| Gross weight | 6 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 | RS232 ¹ , USB-A, USB-B, Wi-Fi |
| Electrical parameters | |
| Power supply | 100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz |
| Power consumption | 4 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 RS232 interface exclusively.

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



Accessories (Additional Fee)

Antivibration Tables

Receipt Printer

Moisture analyzer accessories
Barcode scanners

RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software (Additional Fee)

• RAD Key [WX-010-0005]

• RADWAG Development Studio [WX-010-0104]

Device dimensions W x D x H

