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# MA 110.5Y.IC Moisture Analyzer

WL-304-0049

More information on the website
mirror.radwag.com/en/info,w1,3S1




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] | 110 g |
| Readability [d] | 1 mg |
| Verification unit [e] | 10 mg |
| Tare range | -110 g |
| Adjustment | internal (automatic) |
| OIML Class | II |
| Maximum sample weight | 110 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 | 7 kg |
| Gross weight | 14 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






















