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[mirror.radwag.com/en/info,w1,3S1](http://mirror.radwag.com/en/info,w1,3S1)

# MA 110.5Y.IC Moisture Analyzer

WL-304-0049



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                                    | 5.3 kg                                                                                                                             |
| Gross weight                                  | 6.8 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)                                                                                       |

<sup>1</sup> 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

