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[mirror.radwag.com/en/info,w1,C81](https://mirror.radwag.com/en/info,w1,C81)

# MA 110.5Y Moisture Analyzer

WL-304-0034



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                                            |
| Tare range                     | -110 g                                          |
| Adjustment                     | external                                        |
| Maximum sample weight          | 110 g                                           |
| Heating module                 | IR emitter                                      |
| Moisture content repeatability | ±0.05 % (sample ~ 2 g), ±0.01 % (sample ~ 10 g) |

|                                                      |                                                                                                                                    |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Metrological parameters</b>                       |                                                                                                                                    |
| Moisture content readability                         | 0.001 %                                                                                                                            |
| Drying temperature range                             | Max 160 °C                                                                                                                         |
| <b>Physical parameters</b>                           |                                                                                                                                    |
| Leveling system                                      | semi-automatic – LevelSENSING                                                                                                      |
| Display                                              | 10" graphic colour touchscreen                                                                                                     |
| 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                                                                                                                             |
| <b>Construction</b>                                  |                                                                                                                                    |
| Protection class                                     | IP 43                                                                                                                              |
| <b>Features of use</b>                               |                                                                                                                                    |
| 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                                                                                                                |
| <b>Communication interface</b>                       |                                                                                                                                    |
| Communication interface                              | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot                                                                      |
| <b>Electrical parameters</b>                         |                                                                                                                                    |
| 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                                                                                                                              |
| <b>Environmental conditions</b>                      |                                                                                                                                    |
| 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)        |
| <b>SOP – metrological tests (additional options)</b> |                                                                                                                                    |
| 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.



## 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

