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# MA 110.X7.A Moisture Analyzer

WL-308-0003



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                                      | manual  |
| Display  | 7" graphic colour touchscreen   |
| Weighing chamber                                     | automatic   |
| 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   | 5.2 kg  |
| Gross weight   | 6.5 kg  |
| <b>Construction</b>                                  |   |
| Protection class                                     | IP 43   |
| <b>Components and software</b>                       |   |
| Database capacity                                    | Products, Users, Packaging, Customers, Drying programs, Drying process reports, Ambient Conditions, Weighings               |
| <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×RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi  |
| <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 RS232 interface exclusively.

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



## Accessories (Additional Fee)

Antivibration Tables  
Moisture analyzer accessories  
Barcode scanners  
Protective cover for balances  
Receipt Printer

RS 232, RS 485 cables  
Additional modules  
RS 232 cables (scale - printer)  
RS 232 – RS 485 Converter

## Software (Additional Fee)

- RAD Key [WX-010-0005]
- Alibi Reader [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

- E2R Moisture Analyzers [WX-010-0072]
- Scale Editor 2.1 [WX-010-0173]

## Device dimensions W x D x H

