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# MA 50.5Y.IC Moisture Analyzer

WL-304-0058



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]  | 50 g                 |
| Readability [d]         | 1 mg                 |
| Verification unit [e]   | 10 mg                |
| Tare range              | -50 g                |
| Adjustment              | internal (automatic) |
| OIML Class              | II                   |
| Maximum sample weight   | 50 g                 |

| <b>Metrological parameters</b>      |  |
|-------------------------------------|--|
| 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   |
| <b>Physical parameters</b>          |  |
| 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      | 540x610x470 mm   |
| Net weight                          | 5,3 kg   |
| Gross weight                        | 6,5 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             | 2xUSB-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)        |
| 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)   |

\* 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 - EWAG 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

