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[radwag.com/us/info,w1,ZUW](http://radwag.com/us/info,w1,ZUW)

# MA 50/1.X2.A.WH Moisture Analyzer



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

|                                |   |
|--------------------------------|---|
| Maximum capacity [Max]         | 50 g  |
| Readability [d]                | 0,1 mg  |
| Tare range                     | -50 g   |
| Adjustment                     | external  |
| Maximum sample weight          | 50 g  |
| Heating module                 | halogen   |
| Moisture content repeatability | ±0,05 % (sample ~ 2 g), ±0,01 % (sample ~ 10 g) |
| Moisture content readability   | 0,0001 %  |

|  |  |
|--|--|
| Drying temperature range                   | Max 250 °C   |
| <b>Physical parameters</b>                 |  |
| Leveling system                            | manual   |
| Display                                    | 5" graphic color touchscreen   |
| Weighing chamber                           | automatic  |
| Maximum sample height                      | 20 mm  |
| Weighing pan dimensions                    | ø90, h= 8 mm   |
| Packaging dimensions                       | 476×381×346 mm   |
| Net weight                                 | 5,2 kg   |
| Gross weight                               | 6,5 kg   |
| <b>Construction</b>                        |  |
| Protection class                           | IP 43  |
| <b>Features of use</b>                     |  |
| Display mode                               | %MC, %DC, %ATRO MC, %ATRO DC, g, g/kg MC, g/kg DC, -%MC  |
| 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                    | RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi   |
| <b>Power supply</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>Operating temperature</b>               |  |
| Operating temperature                      | +10 – +40 °C   |
| <b>Mass indication control</b>             |  |
| Mass indication control                    | External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer)                           |
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| <b>Drying temperature control</b>          |  |
| Drying temperature control                 | One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)                  |
| <b>Moisture content indication control</b> |  |
| Moisture content indication control        | Certified MV Test Set  |
| <b>Drying temperature adjustment</b>       |  |
| Drying temperature adjustment              | Three-point adjustment at defined temperatures, programmable values (equipment: GT105k-12/Z Control Thermometer) |

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



## Accessories

|                               |                                 |
|-------------------------------|---------------------------------|
| Antivibration tables          | RS 232, RS 485 cables           |
| Moisture analyzer accessories | Additional modules              |
| Barcode scanners              | RS 232 cables (scale - printer) |
| Receipt Printer               | RS 232 – RS 485 Converter       |
| Protective cover for balances |                                 |

## Software

- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]
- E2R Moisture Analyzers [WX-010-0072]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

