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













**MA 50.X7.A Moisture Analyzer**



MA 50.X7.A 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

|  |   |
|--|---|
|  | <b>MA 50.X7.A Moisture Analyzer</b><br>WL-308-0014  |
| <b>Metrological parameters</b>                       |   |
| <b>Maximum capacity [Max]</b>                        | 50 g  |
| <b>Readability [d]</b>                               | 1 mg  |
| <b>Tare range</b>                                    | -50 g   |
| <b>Adjustment</b>                                    | external  |
| <b>Maximum sample weight</b>                         | 50 g  |
| <b>Heating module</b>                                | IR emitter  |
| <b>Moisture content repeatability</b>                | ±0,05 % (sample ~ 2 g), ±0,01 % (sample ~ 10 g)   |
| <b>Moisture content readability</b>                  | 0,001 %   |
| <b>Drying temperature range</b>                      | Max 160 °C  |
| <b>Physical parameters</b>                           |   |
| <b>Leveling system</b>                               | manual  |
| <b>Display</b>                                       | 7" graphic colour touchscreen   |
| <b>Weighing chamber</b>                              | automatic   |
| <b>Maximum sample height</b>                         | 20 mm   |
| <b>Weighing pan dimensions</b>                       | ø90, h= 8 mm  |
| <b>Packaging dimensions W x D x H</b>                | 476×381×346 mm  |
| <b>Net weight</b>                                    | 5,16 kg   |
| <b>Gross weight</b>                                  | 6,5 kg  |
| <b>Construction</b>                                  |   |
| <b>Protection class</b>                              | IP 43   |
| <b>Components and software</b>                       |   |
| <b>Database capacity</b>                             | Products, Users, Packaging, Customers, Drying programs, Drying process reports, Ambient Conditions, Weighings |
| <b>Features of use</b>                               |   |
| <b>Display mode</b>                                  | %D, %M, %R, g   |
| <b>Drying method</b>                                 | 4 drying profiles (standard, fast, step, mild)  |
| <b>Finish mode</b>                                   | 4 modes (automatic, manual, time-defined, user-defined)   |
| <b>Additional functions</b>                          | sample traceability   |
| <b>Communication interface</b>                       |   |
| <b>Communication interface</b>                       | RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi  |
| <b>Electrical parameters</b>                         |   |
| <b>Power supply</b>                                  | 100 – 120 V AC 50/60 Hz or 200-240 V AC 50/60 Hz  |
| <b>Power consumption</b>                             | 6 W   |
| <b>Heating module power</b>                          | 450 W   |
| <b>Environmental conditions</b>                      |   |
| <b>Operating temperature</b>                         | +10 – +40 °C  |
| <b>SOP – metrological tests (additional options)</b> |   |
| <b>Drying temperature control</b>                    | One- or two-point, depending on the drying profile (additional equipment: GT105k-12/Z Control Thermometer)    |
| <b>Moisture content indication control</b>           | 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  
Alibi Reader  
RADWAG Development Studio

E2R System  
Scales Editor 2.1

## Device dimensions W x D x H

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