















More information on the website  
radwag.com/us/info,w1,BS5

# MA 50/1.5Y 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                 | IR emitter                                      |
| Moisture content repeatability | +/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g) |
| Moisture content readability   | 0,0001%                                         |

|                                       |                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Drying temperature range              | Max 160 °C                                                                                                       |
| <b>Physical parameters</b>            |                                                                                                                  |
| Leveling system                       | półautomatyczny - LevelSENSING                                                                                   |
| Display                               | 10" graphic colour touchscreen                                                                                   |
| Weighing chamber                      | automatic                                                                                                        |
| Maximum sample height                 | 20 mm                                                                                                            |
| Weighing pan dimensions               | ø90, h= 8 mm                                                                                                     |
| Packaging dimensions                  | 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                          | %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               | 2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot                                                                   |
| <b>Power supply</b>                   |                                                                                                                  |
| Power supply                          | 100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz                                                                   |
| 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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| Internal adjustment                   | For .IC models only, GLP report                                                                                  |
| External adjustment                   | For all models, GLP report                                                                                       |
| Drying temperature control            | One- or two-point, depending on the drying profile (equipment: GT105k-12/Z Control Thermometer)                  |
| Moisture content indication control   | Certified MV Test Set                                                                                            |
| <b>Internal / External adjustment</b> |                                                                                                                  |
| Internal / External adjustment        | Depending on the type of moisture analyzer, GLP report                                                           |
| 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  
Moisture analyzer accessories  
Additional modules  
Barcode scanners  
Receipt Printer

Fingerprint Reader  
Protective cover for balances  
RS 232, RS 485 cables  
RS 232 cables (scale - printer)  
RS 232 – RS 485 Converter

## Software

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

