



# MA 50/1.R.NS Moisture Analyzer

WL-305-0039

More information on the website  
[mirror.radwag.com/us/info,w1,3JW](http://mirror.radwag.com/us/info,w1,3JW)



The drawings, photos and graphics used are for illustrative purposes only.

## Functions



Autotest



Statistics



GLP Procedures



Replaceable unit



Statistical Quality Control



ALIBI Memory



Drying modes



Samples drying



Moisture content analysis



Dry mass determination

## Datasheet

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

| <b>Metrological parameters</b>      |   |
|-------------------------------------|---|
| Moisture content readability        | 0,0001 %  |
| Drying temperature range            | Max 160 °C  |
| <b>Physical parameters</b>          |   |
| Leveling system                     | manual  |
| Display                             | 5,3" LCD (backlit)  |
| 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                          | 4,8 kg  |
| Gross weight                        | 5,5 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             | RS232 <sup>1</sup> , USB-A, USB-B, 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                   | 4 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)  |

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## Accessories (Additional Fee)

Antivibration tables  
Moisture analyzer accessories  
Barcode scanners

Receipt Printer  
RS 232, RS 485 cables  
RS 232 cables (scale - printer)

## Software (Additional Fee)

• RAD Key [WX-010-0005]

• RADWAG Development Studio [WX-010-0104]

## Device dimensions W x D x H

