



More information on the website
radwag.com/en/info,w1,D1K

MA 50.5Y.NS Moisture Analyzer



MA 50.5Y.NS 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

| MA 50.5Y.NS Moisture Analyzer | |
|-------------------------------------|---|
| Metrological parameters | |
| Maximum capacity [Max] | 50 g |
| Readability [d] | 1 mg |
| Tare range | -50 g |
| Adjustment | external |
| Maximum sample weight | 50 g |
| Heating module | metal heater |
| Moisture content repeatability | +/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g) |
| Moisture content readability | 0,001% |
| Drying temperature range | Max 160 °C |
| Physical parameters | |
| Leveling system | semi-automatic - LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Weighing chamber | automatic |
| Maximum sample height | 20 mm |
| Weighing pan dimensions | ø90, h= 8 mm |
| Packaging dimensions | 540x610x470 mm |
| Net weight | 5,3 kg |
| Gross weight | 6,8 kg |
| Construction | |
| Protection class | IP 43 |
| Features of use | |
| 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 |
| Communication interface | |
| Communication interface | USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | 100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz |
| Power consumption | 6 W |
| Heating module power | 450 W |
| Environmental conditions | |
| Operating temperature | +10 ÷ +40 °C |
| SOP – metrological tests | |
| Mass indication control | External mass standard 50 g, 100 g, 200 g (depending on the type of moisture analyzer) |
| 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 |
| Adjustment | |
| Internal / External adjustment | Depending on the type of moisture analyzer, GLP report |

1 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

Antivibration Tables
Moisture analyzer accessories
Additional modules
Barcode scanners
USB Hubs
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 System
Label Editor R02
Scales Editor 2.1

RAD-KEY
RADWAG Remote Desktop
RADWAG Development Studio

Device dimensions

