















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

MA 50/1.5Y.IC 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

| Metrological parameters | |
|--------------------------------|-------------------------------------------------|
| Maximum capacity [Max] | 50 g |
| Readability [d] | 0.1 mg |
| Tare range | -50 g |
| Adjustment | internal (automatic) |
| Maximum sample weight | 50 g |
| Heating module | IR emitter |
| Moisture content repeatability | +/-0.05% (sample ~ 2g), +/-0.01% (sample ~ 10g) |

| Metrological parameters | |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Moisture content readability | 0.0001% |
| Drying temperature range | Max 160 °C |
| Physical parameters | |
| 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 |
| 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 | 2×USB-A, 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) |
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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 |
| Adjustment | |
| 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) |

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
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 2.1 [WX-010-0173]

Device dimensions

