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[radwag.com/en/info,w1,JBA](https://radwag.com/en/info,w1,JBA)

# MA 210.X2.A Moisture Analyzer



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

## Functions

|                                                                                                                 |                                                                                                            |                                                                                                                   |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  Autotest                    |  Dosing                 |  Percent Weighing              |  Parts counting   |
|  Peak hold                   |  Formulation            |  Newton unit measurement       |  Statistics       |
|  Checkweighing               |  IR sensors             |  Under-pan weighing            |  GLP Procedures   |
|  Animal weighing             |  Density determination  |  Ambient conditions monitoring |  Replaceable unit |
|  Statistical Quality Control |  ALIBI Memory           |  Drying modes                  |  Samples drying   |
|  Moisture content analysis   |  Dry mass determination |  Mass for titrator             |  Wi-Fi            |

## Datasheet

| Metrological parameters |       |
|-------------------------|-------|
| Maximum capacity [Max]  | 210 g |
| Readability [d]         | 1 mg  |

| Metrological parameters        |                                                         |
|--------------------------------|---------------------------------------------------------|
| Tare range                     | -210 g                                                  |
| Adjustment                     | external                                                |
| Maximum sample weight          | 210 g                                                   |
| Heating module                 | IR emitter                                              |
| 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                | manual                                                  |
| Display                        | 5" graphic color touchscreen                            |
| Protection class               | IP 43                                                   |
| Weighing pan dimensions        | ø90, h= 8 mm                                            |
| Packaging dimensions           | 470×380×336 mm                                          |
| Net weight                     | 5,2 kg                                                  |
| Gross weight                   | 6,7 kg                                                  |
| Communication interface        |                                                         |
| Communication interface        | RS232 <sup>1</sup> , USB-A, USB-B, Ethernet, Wi-Fi      |
| 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                                            |
| Features of use                |                                                         |
| Drying method                  | 4 drying profiles (standard, fast, step, mild)          |
| Finish mode                    | 4 modes (automatic, manual, time-defined, user-defined) |
| Additional functions           | sample traceability                                     |
| Maximum sample height          | 20 mm                                                   |

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

Barcode scanners  
Protective cover for balances  
Moisture analyzer accessories  
Balance Storage Case

Antivibration Tables  
Water Vapour Permeability Determination Set  
RS 232, RS 485 cables  
RS 232 cables (scale - printer)

# Software

RAD-KEY  
E2R System  
RADWAG Development Studio

LabVIEW Driver  
Alibi Reader

# Device dimensions

