

MOISTURE ANALYZER PM 3Y



release date 06-10-2014



Moisture analyzer is a laboratory measuring instrument intended to determine relative moisture content in samples of different substances. **PM 3Y** features 5,7" LCD colour touch panel which provides new possibilities of instrument's operation and presenting measurement results. It features extended databases containing programmable drying modes related to the database of samples. PM 3Y series enables printing and exporting charts presented on its display to a BMP file.

Highlights of moisture analyzer PM 3Y series:

- accuracy of moisture content readout 0,0001%
- heating components: halogen, IR emitter or a heater in metal housing,
- graphic presentation of drying result, charts: Δm , %M, %D, %R,
- drying profiles: standard, mild, step, quick
- finish mode: AUTO 1 – 5, manual, automatic, time defined
- database of drying procedures: ~1000 records for each data type
- database of samples
- interfaces: 2 x USB 2.0; 4IN / 4OUT; RS 232; Ethernet 10/100Mbit.

NOVELTY:

3Y series balances are equipped with **802.11b/g/n WiFi** communication interface operating with frequency range 2.4+2.472 GHz (1+13 channels). Communication is established likewise as for any other interfaces, e.g.: RS 232, Ethernet.



2 years warranty period

Personalization of instrument's settings is carried out in extended user profiles. Level control is based on LevelSENSING system, RADWAG patented solution, which uses a system of an electronic level. Standard and user defined printouts allow for maintaining documentation complying with GLP/GMP requirements practically in any application.

Technical specification:

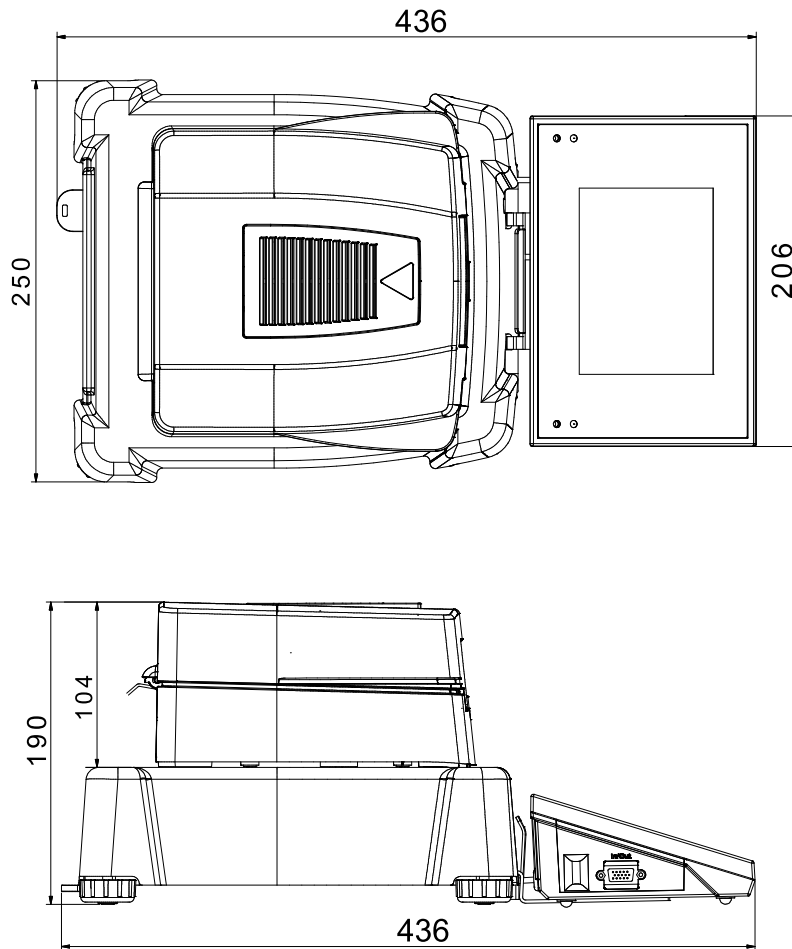
| | PM 60.3Y | PM 200.3Y |
|-------------------------------------|--|-----------|
| Max capacity | 60 g | 200 g |
| Reading unit | 0,1 mg | 1 mg |
| Tare range | -60 g | -200 g |
| Max sampling mass | 60 g | 200 g |
| Accuracy of moisture readout | 0,0001 % | 0,001 % |
| Repeatability of moisture readout | 0,05% (sample 2 g), 0,01% (sample 10 g) | |
| Maximal height of the tested sample | h= 20 mm | |
| Pan size | ø 90 mm, h= 8 mm | |
| Range of drying temperature * | max. 160° C | |
| Heating module ** | IR emitter | |
| Power of heating device | 400 W | |
| Drying modes | 4 drying modes (standard, quick, step, mild) | |
| Auto switch off options | 3 modes (manual, automatic, time defined) | |
| Additional functions | sample identification, drying diagram | |
| Working temperature | +10° ÷ +40 °C | |
| Power supply | 220÷240 V AC, 50÷60 Hz | |
| Display | LCD 5,7" with touch panel | |
| Interface | 2 x USB 2.0, 4 Inputs / 4 Outputs, RS 232, Ethernet 10/100Mbit, Wi-Fi 802.11 b/g/n | |
| Net weight/Gross weight | 6 / 10 kg | |
| Packaging size | 595 x 395 x 420 mm | |

* Moisture analyzer available with upgraded maximum drying temperature to 250°C

** Optionally available heating elements:

- halogen (max= 250°C)
- metal heater (max= 160°C)

Dimensions:



Additional equipment:

| | |
|---|--|
| Antivibration table for laboratory balances | Computer Software: PW-WIN 2005, RAD-KEY 2000 |
| Dot matrix Epson printer | Control Thermometer GT105k-12 |
| Label printer Citizen | Disposable Weighing Pans |
| PC USB keyboard | Mass Standard |
| Antistatic cable PA1 | Cable RS 232 (scale, Epson, Citizen printer) "P0151" |

RADWAG USA L.L.C.

19599 NE 10th Ave., #E, • North Miami Beach, FL, 33179 • USA

Phone: 1-305-651-3522 • Fax: 1-305-651-3523 • <http://radwagusa.com> • e-mail: office@radwagusa.com