RADWAG BALANCES AND SCALES
ADVANCED WEIGHING TECHNOLOGIES

Drying process visualization
Automatic sample mass control
Complex databases storing samples and drying programs

www.radwag.com

Moisture Analyzers

MODERN METHODS OF MOISTURE CONTENT ANALYSIS

MOISTURE ANALYZERS

Functionality of the highest level and professionalism for a drying process and moisture content analysis

Versatility of Applications

Demanding requirements of RADWAG customers has resulted with 3 different series of moisture analyzers, from highly-advanced solutions through standard to basic ones. MA 3Y is designed to enable the most complex measurements, MA X2 is used for typical applications and MA R address essential needs.

The Ease and Comfort of Operation

Both display and menu structure design make moisture analyzer operation easier and more intuitive. MA 3Y and MA X2 series are additionally equipped with a touchscreen to your greater comfort.

The Precision of Mass Measurement in all Thermal Conditions.

The special algorithm controlling heating elements operation facilitates maintaining proper drying temperature and ensures fast and precise measurement. Dynamic temperature control method allows to carry out analysis within a relatively short time and to obtain repeatability in the series of drying processes.

Drying Temperature Optimization

RADWAG moisture analyzers, equipped with various heating elements, allow testing moisture content of different samples, i.e. samples characterized with various structures and textures. Diverse drying profiles make use of individual methods for obtaining the preset temperature possible.

Drying Process Visualization

In order to enable full control of the drying process, RADWAG moisture analyzers provide different forms of online process visualization. Depending on the model you can display drying process graph (dynamically drawn drying curve), bargraph for sample mass control or measured value preview (g, %M, %D, %R).

Database as Drying Processes Backup

Possibility of saving all the information on samples and drying processes in database improves drying processes management. Taking advantage of this option you do not have to remember particular parameters' values.

	MA 3Y	MA X2	MA R
Maximum capacity [Max]	60 g - 200 g	50 g - 210 g	50 g - 210 g
Readability [d]	0.1 mg - 1 mg	0.1 mg - 1 mg	0.1 mg - 1 mg
Display	5.7" colour touch screen	5" colour touch screen	LCD (backlit)
Moisture readout accuracy	0.0001 % - 0.001 %	0.0001 % - 0.001 %	0.0001 % - 0.001 %
Drying temperature range	max 160°C, max 250°C (option)	max 160°C, max 250°C (option)	max 160°C, max 250°C (option)
Weighing pan dimensions	ø90 mm, h = 8 mm	ø90 mm, h = 8 mm	ø90 mm, h = 8 mm
Heating module	IR emitter, halogen (option)	IR emitter, halogen (option)	IR emitter, halogen (option)
Communication Interfaces	RS 232, 2×USB, 4×IN/4×OUT, Ethernet, Wireless Module	RS 232, USB-A, USB-B, Wireless Module	RS 232, USB-A, USB-B, Wireless Module (option)