



SMART
WEIGHING
TECHNOLOGIES

Fast and accurate measurements guarantee
Quick analysis of dry mass and moisture content
Automatically opened and closed drying chamber*



MA X2 Moisture Analyzers

ADVANCED MOISTURE CONTENT ANALYSIS

MA X2 MOISTURE ANALYZERS



Results repeatability in a series of drying processes Easy and intuitive operation

Information transparency

MA X2 and MA X2.A menu has been specially designed to facilitate easier and more intuitive operation of the device. Menu's buttons, tags or information fields may be arranged according to user's preference. With this moisture analyzer's interface can be freely customized.

Automatically opened and closed drying chamber

Innovative system of opening and closing of drying chamber in moisture analyzer MA X2.A – thanks to its contactless operation – ensures keeping the device clean. The chamber always closes with the same intensity which positively influences the measurements quality and repeatability. Automatic chamber opening and closing prevents direct contact of the operator with the heating element.

The precision of mass measurement and optimization of drying process

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. MA X2 and MA X2.A, 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, MA.X2 and MA.X2.A provide different forms of online process visualization. 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 and drying processes in database improves drying processes management. Taking advantage of this option you do not have to remember particular parameter's values.



MA X2

MA X2.A

Maximum capacity [Max]	50 g - 210 g	50 g - 210 g
Readability [d]	0.1 mg - 1 mg	0.1 mg - 1 mg
Display	5" colour touch screen	5" colour touch screen
Moisture readout accuracy	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)
Weighing pan dimensions	ø90 mm, h = 8 mm	ø90 mm, h = 8 mm
Heating module	IR emitter, halogen (option)	IR emitter, halogen (option)
Automatically opened drying chamber	○	●
Communication interfaces	RS 232, USB-A, USB-B, Wireless Module	RS 232, USB-A, USB-B, Wireless Module

* refers to moisture analyzers MA X2.A