



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



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# MA X2.A Moisture Analyzers

ADVANCED MOISTURE CONTENT ANALYSIS

# MA X2.A MOISTURE ANALYZERS



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

### Information transparency

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.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.

### 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.A

### MA X2.IC.A

Maximum capacity [Max]	50 g – 210 g	50 g – 210 g
Readability [d]	0.1 mg - 1 mg	0.1 mg - 1 mg
Maximum sample weight	50 g – 210 g	50 g – 210 g
Drying temperature range	max 160 °C (option: max 250 °C)	max 160 °C (option: max 250 °C)
Moisture content readability	0.001 % – 0.0001 %	0.001 % – 0.0001 %
Moisture content repeatability	0.05% (ca. 2 g sample), 0.01% (ca. 10 g sample)	0.05% (ca. 2 g sample), 0.01% (ca. 10 g sample)
Adjustment	External	Internal
Display	5" colour touch screen	5" colour touch screen
Heating module	IR emitter, halogen or metal heater	IR emitter, halogen or metal heater
Interfaces	USB-A, USB-B, RS 232, Ethernet, Wi-Fi®	USB-A, USB-B, RS 232, Ethernet, Wi-Fi®
Maximum sample height	h = 20 mm	h = 20 mm
Weighing pan dimensions	ø 90 mm, h= 8 mm	ø 90 mm, h= 8 mm

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