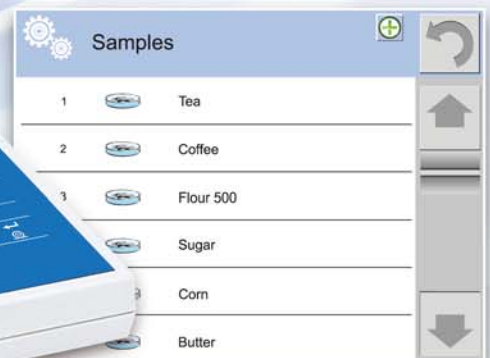# New! MA.3Y
highly functional moisture analyzer
with large colourful touch-screen display!

The main display features quick access bar providing instant access to basic settings and parameters of drying process.

Implemented database of samples with pre-defined drying parameters. Simply select a product and dry it.

5,7" colourful touch-screen display. User friendly and intuitive menu structure.

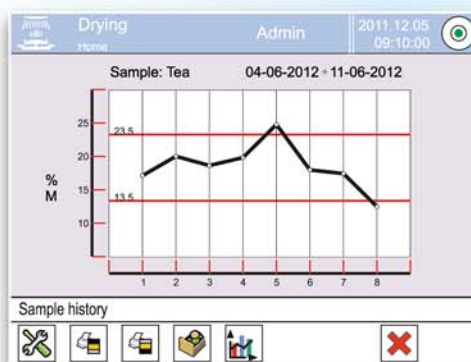Semi-automatic level control system with visualization and real-time monitoring.

Programmable IR proximity sensors and detachable terminal provide excellent comfort of use and ergonomics.

Perfectly secured data storage owing to functions: Auto-Test (automatic self-inspection) and Alibi Memory (secure storage of weighing data).

Extended databases (up to 1 GB) with archiving. Transferring data between devices via USB interface.

Archiving reports from drying process in MA.3Y memory. Enables previewing a month- or a year-old records.
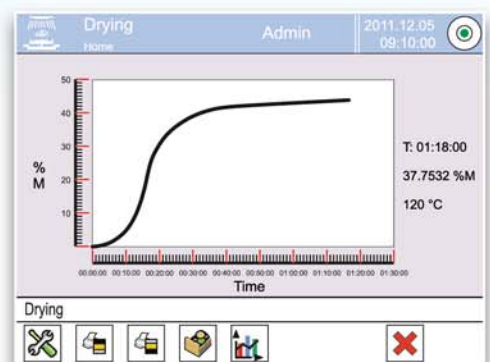
Customized settings of display, quick access keys, etc. supports operation complying with SOP and ensures controlled access for each user.

Product change trend (graphs and reports). Monitoring changes of product's humidity content over time with customized tolerance settings and alarms for an individual product.

Real-time graphic visualization of drying process. Constant monitoring of drying process ensures sample's tolerance control.

New function: determination of fat content in meat and fish through drying with customized settings.

250°C - high drying temperature in standard.

Cooperation with a label printer enables sample identification by barcodes.

Interfaces: USB, RS232, Ethernet, In / Out.

Functionality of moisture analyzers MA.3Y series

5,7" colourful touch-screen display

User friendly and intuitive menu structure

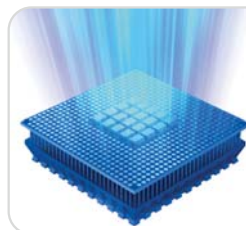Customized profiles and access levels for multiple users

Extended databases (up to 1 GB) with archiving

Semi-automatic level control system with visualization

Real-time graphic visualization of drying process

Auto-Test: automatic self-inspection function

Alibi Memory: secure storage of weighing data

Programmable IR proximity sensors

Detachable terminal

Data exchange between balances Interfaces:
USB - 2 Ports
RS232 - 2 Ports
Ethernet
4 In / 4 Out

Technical data

	MA 60.3Y.WH	MA 200.3Y.WH
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	+/-0,24% (sample < 2 g), +/-0,06% (sample 2 ÷ 10 g), +/-0,04% (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. 250°C	
Heating module	halogen	
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°C ÷ +40°C	
Power suply	230V AC, 50÷60 Hz	
Display	5,7" LCD colourful touch-screen display	
Interface	2 × USB 2.0, 4 Inputs / 4 Outputs, 2 × RS 232, Ethernet 10/100Mbit	
Additional equipment	Kafka thermal printers, Epson dot matrix printers, Citizen label printers, Anti-vibration table, Barcode scanners, PC USB keyboard Disposable Weighing Pans, Control thermometer GT105K-12, E2R Moisture Analyzer PC Software	

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