

**Moisture Analyser MA100**

Sartorius Lab Instruments

Moisture Analyser MA100

- Infrared heating using a round ceramic heating element (MA100C), a halogen round heater (MA100H) or a coiled quartz (CQR) heating element (MA100Q)
- Utmost safety due to self-calibrating system and full GMP suitability
- Ideally suited for samples with high moisture content due to quick control behaviour
- Sample quantity 5-15g
- % moisture content (optionally available with conversion factor), % dry weight, RATIO value, mg weight loss, g residue, g/kg residue, g/l residue
- Temperature range and settings 30°C to 180°C, stand-by temperature selectable from 30°C to 100°C in increments of 1 degree
- Heating programs: standard, quick, gentle and phase drying
- Shutoff criteria (optional): fully automatic, SPRM mode (optimization to a reference system), semi-automatic (1-50mg/5-300sec.), semi-automatic (0.1-5.0%/5-300sec.), timer setting (0.1-999min.), timer setting and fully/semi-automatic (0.1-999min. and automatic), manual
- Access to sample chamber Motorized cover
- 30 programs saved in a non-volatile memory (freely selectable parameters)
- Result statistics for the last 9999 measurements/program
- Menu-driven, alphanumeric dialogue text (5 languages selectable)
- Optimized text entry via softkeys, numeric entry via keypad, optional data entry via barcode scanner, printout optional using an internal printer (Cat. No. 9.902 611), configurable GLP-report for measuring results, calibration, adjustment (5 languages selectable)
- Internal calibration weight, automatic reproTEST for the weighing system, automatic temperature calibration with optional temperature adjustment set (Cat. No. 6.264 042) , documentation in accordance with the applicable quality assurance requirements



-Safety Parameter settings password-protected against unauthorized access

Specifications

Readability: 0.01 % or 0.001 g / 0.001 % or 0.0001 g

Weighing range, max: 100 g

Reproducibility, weight of sample 1g:

Reproducibility, weight of sample 5g: $\pm 0,1$ %

$\pm 0,02$ %

Temperature range: 30 ... 180 °C, in increments of 1 °C

Power consumption: 700 VA

Dimensions (W x D x H): 350 x 453 x 156 mm

Weight: approx. 8 kg

Power supply: 230 V, 50 ... 60 Hz

Code	Description	Packaging
LLG09902603	Moisture Analyser MA100H, max. load 100 g, Resolution 0.001 g, Min. temp. 30 °C, Max. temp. 180 °C	
LLG09902604	Moisture Analyser MA100Q, max. load 100 g, Resolution 0.001 g, Min. temp. 30 °C, Max. temp. 230 °C	1 pz.
LLG06232716	Accessories for Moisture Analyser MA series, Glass fibre filter, soft quality, For MA35 / 37 / 100 / 160	200 pz.



Code	Description	Packaging
LLG09601426	Accessories for Moisture Analyser MA series, Glass fibre filter, hard quality, For MA35 / 37 / 100 / 160	80 pz.
LLG09902611	Accessories for Moisture Analyser MA series, Data printer (built-in), For MA50 / 100	1 pz.
LLG09902612	Accessories for Moisture Analyser MA series, Disposable sample dishes, aluminium, round, For MA35 / 37 / 100 / 160	80 pz.
LLG06282022	Accessories for Moisture Analyser MA series, Temperature adjustment set, For MA35 / 37 / 100 / 160	1 pz.
LLG09902602	Moisture Analyser MA100C, max. load 100 g, Resolution 0.001 g, Min. temp. 30 °C, Max. temp. 180 °C	



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