



MA35M Moisture Analyzer

Fully Automatic Infrared Moisture Analyzer with Metal Tube Heater

Moisture Analyzer



- Time-saving and convenient alternative to a drying oven
- Utmost measurement accuracy and durability „made in Germany“
- Ideally suited for robust production applications
- Particularly simple operator guidance using self-explanatory pictograms
- Focused on the most important options

Max. weighing capacity	35 g
Repeatability, typical	Starting at an initial sample weight of approx. 1 g: $\pm 0.2\%$ Starting at an initial sample weight of approx. 5 g $\pm 0.05\%$
Readability	1 mg, 0.01%
Typical sample quantity	5 – 15 g
Reading display	% moisture content % dry weight RATIO value g residue mg weight loss
Temperature range and settings	40°C–160°C, in increments of 1 degree
Sample heating	Infrared heating using a metal tube heater (IR dark radiator)
Heating programs	Standard drying
Shutoff criteria	Optional: - Fully automatic - Timer setting (1 x 0.1–99 min.) - Manual
Access to sample chamber	Hinged cover with large opening angle
Measuring program	1 program saved in a non-volatile memory (freely selectable parameters)
Data storage	Results are saved until the start of the next measurement
Operator guidance features	Symbols representing corresponding functions
Parameter Data entry	Via softkeys, menu-specific key allocation
Report printout	- Printout using the optional, external printer YDP20-OCE - Inalterable standard configuration GLP report for measuring results calibration adjustment (5 languages selectable) - Short report minimizing paper usage



Open sample chamber



MA35M featuring the accessory YDS05MA: To replace glass panels with metal panels for use in food production

Test equipment monitoring	– External calibration using optional weight sets
Data interface	RS232 C-S/V24-V28, 7 data bits (ASCII) 1 parity bit
Voltage frequency	48-60 Hz
Power consumption	Max. 400 VA
Operating temperature range	10°C...30°C
Housing dimensions (W × D × H)	224 × 366 × 191
Weight	Approx. 5.8 kg

Available Models

	Supply voltage
MA35M-000115V1	115 V +15%, -20%
MA35M-000230V1	230 V +15%, -20%

Accessories

6965542	Disposable sample pans, 80 units, aluminum, round, Ø 90 mm
6906940	Fiberglass pad, Ø 90 mm for pasty and fatty samples, hard quality, 80 units
6906941	Fiberglass pad, Ø 90 mm for liquid and fatty samples, soft quality, with high suction force, 200 units
YAT01MA	500 single-use pipettes
YDS05MA	Panel replacement set, aluminum panels for replacing glass panels, to meet FDA HACCP regulations (conversion kit)
YSC02	SartoCollect, software for data communication between moisture analyzer and PC (connecting cable must be ordered separately) Prerequisite: MS Windows 2000 Windows XP Professional, Vista Ultimate, Windows 7 Ultimate.
YSS43-02	External calibration weight, 30 g ± 0.3 mg with DKD certificate
YDP20-OCE	Data printer, suitable for external verification, with date, time, statistics, numerator including cable
6906918	Ink ribbon for data printer
6906937	Paper rolls for data printer, 5 rolls, 50 m each

Equipment Supplied

- Moisture analyzer with data interface
- Power cord
- User manual
- 80 alu sample pans
- 1 pair of forceps

Sartorius Weighing Technology GmbH
Weender Landstrasse 94-108
37075 Goettingen, Germany

Phone +49.551.308.0
Fax +49.551.308.3289

info.mechatronics@sartorius.com
www.sartorius-mechatronics.com

Subject to change without notice.
Printed in Germany on paper that has been bleached
without any use of chlorine. | W
Publication No.: W--2032-e11102
Order no.: 98649-012-32