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INFRARED MOISTURE METER AZA0875

The AZA0875 Infrared Moisture Meter from Azalab is a high-precision laboratory instrument designed for the rapid and accurate determination of moisture content across a wide range of materials. Utilizing advanced infrared (halogen) heating technology, the system significantly reduces analysis time compared to conventional oven-drying methods, delivering reliable, repeatable results within minutes.

It is ideally suited for geotechnical laboratories, construction quality control, pharmaceuticals, food processing, chemical industries, and research facilities, where fast and precise moisture analysis is essential for process control, compliance, and quality assurance.

Key Features

- Advanced infrared (halogen) heating system for uniform drying
- High precision weighing system with real-time monitoring
- Rapid analysis with results in 5–25 minutes
- Wide material compatibility across multiple industries
- Programmable drying profiles (standard, rapid, step, custom)
- User-friendly interface with digital display
- Data storage and connectivity for traceability
- Automatic shut-off and safety alerts
- Robust design for continuous laboratory operation





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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0875
Measurement Principle	Loss-on-Drying (Infrared Heating)
Moisture Range	0.01% to 100%
Moisture Resolution	0.01%
Weight Readability	0.001 g (1 mg)
Weighing Capacity	50 g / 100 g / 200 g (model dependent)
Temperature Range	Up to 160°C / 200°C (adjustable)
Heating Source	Infrared / Halogen lamp
Drying Programs	Standard, Rapid, Step, User-defined
Display	LCD / graphical display
Interface	Keypad / Touchscreen



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TECHNICAL SPECIFICATION

Parameter	Specification
Connectivity	USB / RS232
Power Supply	230V AC, 50/60 Hz
Sample Pan	Aluminum pans
Construction	Durable, easy-to-clean housing

