



Presto Stantest Pvt. Ltd.

I-42, DLF Industrial Area Phase-1, Delhi Mathura Road, Faridabad 121003, Haryana, India

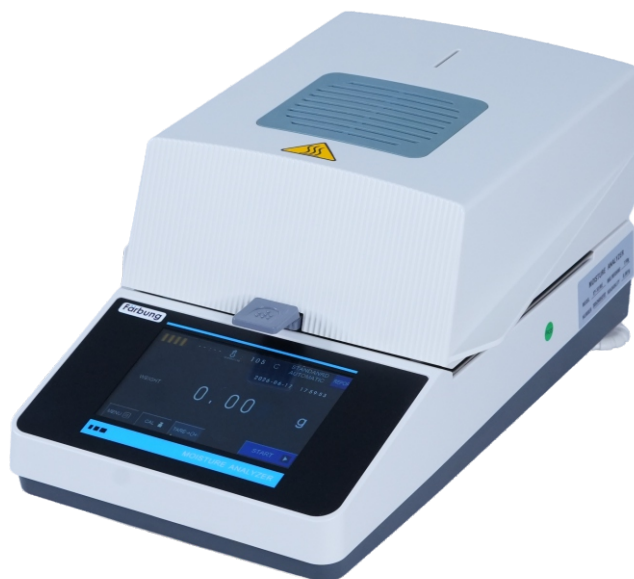
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Moisture Analyzer

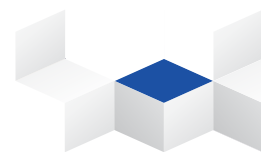


Moisture is one of those things you can't see but it shows up everywhere — in a batch of grain that spoils early, a pharmaceutical powder that fails a stability test, or a plastic resin that won't extrude properly. If you've ever had a production batch rejected over moisture content, you already know how expensive a small percentage point can get.

The Presto Moisture Analyzer FB-MAI 10-I takes the guesswork out of this. It's a halogen-based moisture testing instrument built for labs and production floors that need an answer in minutes, not hours — and need that answer to actually be right.

Instead of running samples through a drying oven and weighing them before and after (a process that can eat up half a day), this analyzer combines a precision weighing system with halogen heating in a single unit. Place your sample on the pan, set your method, and the instrument handles the heating, weighing, and calculation on its own — moisture percentage, dry matter percentage, and weight loss, all displayed on screen as the test runs.

It's used across food processing, pharmaceuticals, chemicals, agriculture, plastics, paper, and animal feed manufacturing — basically any industry where moisture content directly affects shelf life, product weight, processing behaviour, or regulatory compliance.





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Features-

If you're comparing moisture analyzers, here's what tends to matter most in day-to-day use:

- **Speed without sacrificing accuracy.** A 0.001 g readability and 0.01% moisture readability mean you're not trading speed for precision.
- **A wide temperature range** (ambient +10°C up to 160°C) covers almost every material type you're likely to test, from heat-sensitive powders to more robust granular samples.
- **High-precision thermal resistance sensor** keeps temperature control consistent test after test — which matters when you're comparing results across different days or operators.
- **Simple external calibration** keeps the instrument accurate over its working life without needing to send it out for service every time.
- **Compact footprint.** It fits comfortably on a standard lab bench without needing dedicated floor space.

For a lab or production team running moisture checks daily — whether that's a handful of tests or dozens per shift — the time saved over oven-drying methods adds up fast, and the consistency you get from automated weighing and heating removes a lot of the operator-to-operator variation that creeps into manual testing.





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Technical Specifications

Parameter	Specification
Model	FB-MA110-1
Maximum Capacity	110 g
Readability	0.001 g (1 mg)
Moisture Content Range	0.01% –100.00%
Moisture Readability	0.01%
Dry Matter Range	100.00% –0.01%
Dry Matter Readability	0.01%
Heating Source	Halogen Lamp
Temperature Range	Ambient +10°C to 160°C
Temperature Setting Increment	1°C
Temperature Sensor	High-Precision Thermal Resistance Sensor
Pan Size	Ø100 mm
Weighing Sensor	High Accuracy Load Cell
Display	5-inch Full Color Touch Screen
Operating Temperature	15°C –30°C
Moisture Testing Modes	Standard / Fast / Soft
Drying Modes	Automatic / Manual / Timed
Test Result Display	Moisture %, Dry Matter %, Weight Loss
Data Storage	Up to 20 Test Groups
Real-Time Graph	Dynamic Moisture Curve
Calibration	External Calibration
Communication Interface	RS232
Power Supply	220V AC, 50Hz

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OUR OTHER PRODUCTS :-



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