

IR-35

Moisture Analyzer



IR-35 Moisture Analyzer

Results of the oven test in minutes versus hours!

The IR-35 offers reliability and ease of use you need in a moisture analyzer to measure moisture or solids content in samples ranging from powders to liquids.

Easy to operate. Plant floor operation is quick and easy to learn. The simple control panel allows for error-free operation.

Durable and compact. This instrument is designed to withstand the rigors of everyday production use. Its compact size allows it to go anywhere.

Fast and reliable. The combination of an internal balance and an infrared dryer provides reproducible results in 5 to 15 minutes on average. Percent moisture and percent solids are calculated to 0.01% resolution.

Results are easy to obtain. At the touch of a button the weight of the sample dish is eliminated. Add the sample and lower the hood for the test to begin automatically. Results are shown clearly on the screen along with test parameters. Add an optional printer for hard copy documentation.

Simple endpoint determination. For most samples, choose the automatic shutoff setting. Over the length of the test, the instrument detects the moisture loss of the sample. As the change in weight approaches zero the analyzer shuts itself off. The timer mode can be activated for samples that do not lose a significant amount of moisture over time.



IR-35 Low-Cost Moisture Analyzer Specifications

Working Range	0.1 - 99.9%
Measurement Method	Infrared radiation, loss on drying
Heat Source	Dark radiator infrared heater
Temperature Setting	40° - 160°C in one degree increments
Temperature Control	Temperature sensor, +/- 5°C
Temperature Steps	One
End of Analysis Mode	Automatic slope or time-out (99 min max)
Units of Results	% moisture, % solid, % moisture dry, weight loss
Readability of Results	0.01%
Balance Capability	35 grams
Balance Readability	0.001g
Program Storage	Current program
Data Storage	Current result
Display	Liquid crystal display
Integrated Printer	None (optional external printer)
External I/O	Serial unidirectional RS-232C
Power Requirements	115 or 230 VAC, 50/60 Hz
External Dimensions (L x W x H)	14.4 x 8.8 x 7.5" (366 x 224 x 191 mm)
Net Weight	12.8 lbs (5.8 kg)

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