

IR-200 Moisture Analyzer

Professional moisture determination

With a working range of 0.10 to 99.9 %, the IR-200 can determine moisture in almost every type of substance. It makes use of a one or two step drying process (programmable), without burning the sample. The IR-200 is equipped with an internal memory with storage space for up to 99 application programs. These have individual alpha-numerical labels for easy retrieval.

The instrument is simple and yet sophisticated. Four parallel infrared heaters dry samples quickly, saving valuable time. The easy-to-use, well-conceived design makes even complex tasks a breeze. The precision balance and the platinum temperature sensor with two-point calibration guarantee exact, reproducible results. These can be documented in compliance with ISO/GMP using the integrated printer or stored in the unit's memory (with storage space for up to 255).

- Moisture determination from 0.10 to 99.9%
- Programmable drying process in one or two steps
- Memory for up to 99 application programs
- Printout documentation in compliance with ISO/GLP standards
- Storage of the last 255 results
- Selection of eight display possibilities, including % moisture, % solids, % volatiles, and mg/l.



IR-200 Specifications

Moisture determination	0.1 – 99.9 %
Balance accuracy	1 mg
Reproducibility	+/- 0.01 %
Balance capacity	100 g
Temperature settings in 1° increments	30 – 210 °C
Data output to Printer	2x RS232C
Integrated thermoprinter	

IR-35 Moisture Analyzer

Fast, accurate and affordable moisture determination

The IR-35 offers reliability and simplicity to measure moisture or solids content in samples ranging from powders to liquids.

Easy to operate. Plant floor operation is quick and simple. The basic control panel allows for error-free operation, regardless of user credentials.

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 analysis is stopped and the result is displayed. The timer mode can be activated for samples that do not lose a significant amount of moisture over time.



Specifications

Working Range	0.1 - 99.9%
Measurement Method	Infrared radiation, loss on drying
Heat Source	Dark radiator quartz
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
External I/O	Serial unidirectional RS-232C
Power Requirements	115 VAC, 50/60 Hz (other voltages available)
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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