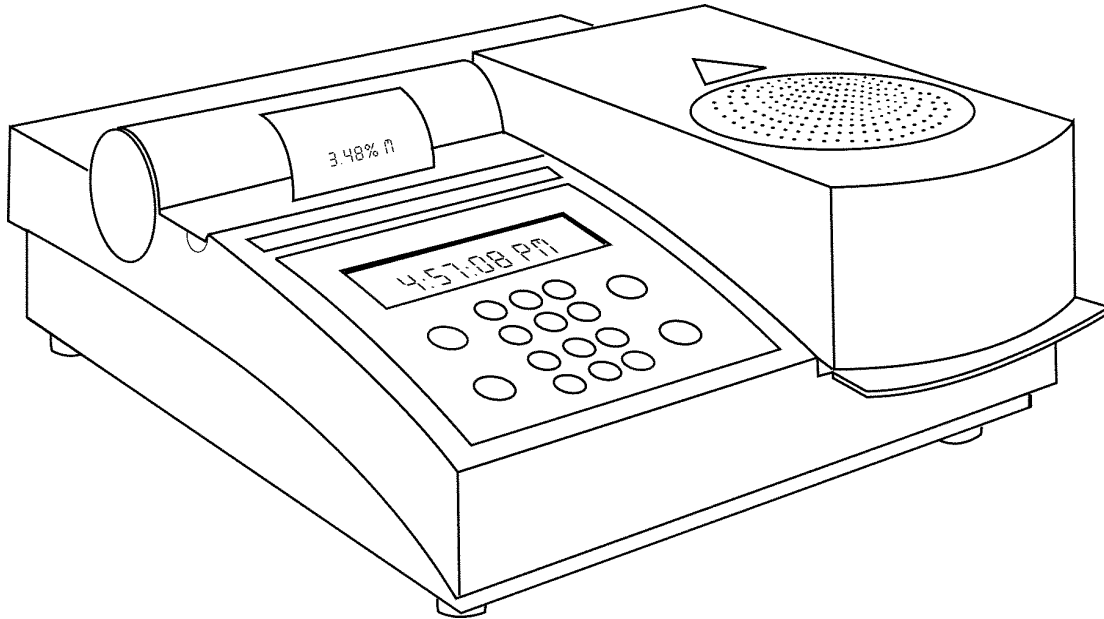


# IR-200 Moisture Analyzer



## **Fast, accurate and affordable moisture determination by loss-on-drying method.**

- Results in minutes with even infrared heating
- Simple and reliable plant floor usage
- Storage of 9 or 99 drying procedures
- Two step drying to prevent sample scorching
- GLP documentation with built-in printer
- 100-gram balance capacity
- Storage of 99 drying procedures

## **Sophisticated, yet simple.**

Up to 99 different drying procedures can be easily entered and recalled through the keypad. Parameters include units of result, two temperatures, time and end-point selection. At the push of a button, the sample is dried under temperature-controlled conditions until a constant weight condition is achieved. The analyzer then ends the analysis, displays results in percent moisture or solids and sends a thorough report to the printer.

## **A built-in printer — when documentation is a must!**

The IR-200 automatically calculates and documents results on its internal printer. A choice of printouts provides either a simple result or a GLP-compliant format including selection of operator name, analyzer ID, program or sample name, and drying parameters. The IR-200 also features data storage and the ability to provide statistical evaluation of selected data. Even the most recent balance and heater calibrations are stored in memory and can be printed for ISO or GLP documentation.

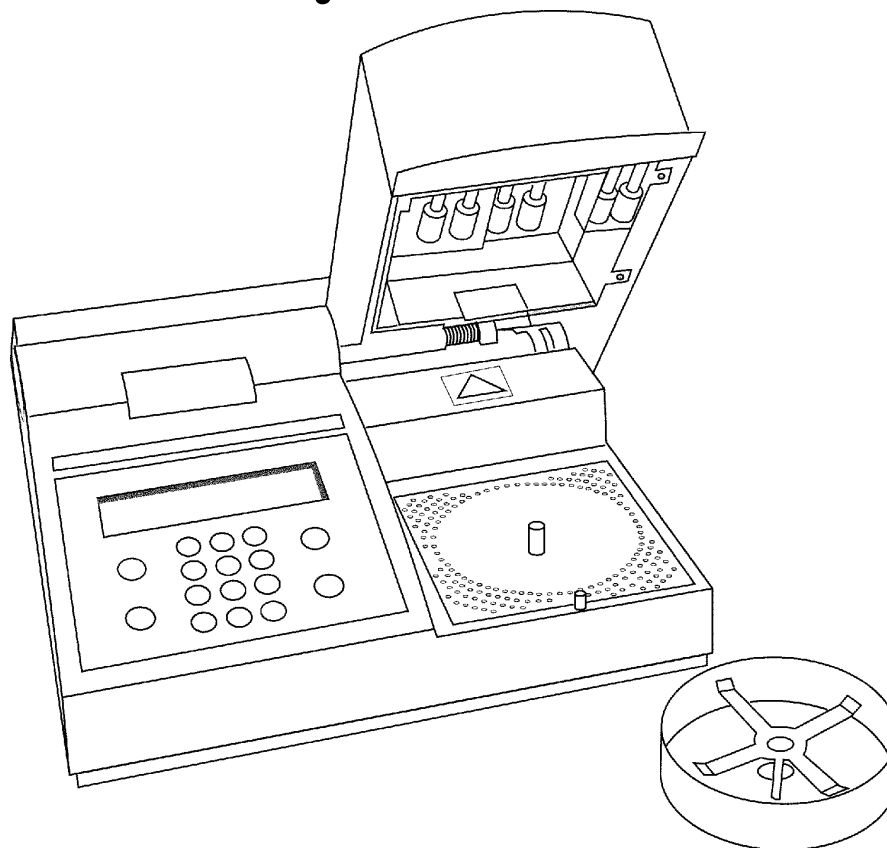
## **Superior analytical performance**

When it comes to analytical performance, standard oven methods just can't compare with the IR-200's speed, precision and accuracy! This is due, in part, to details like two-point temperature calibration for correlation from unit to unit, location to location, and the isolated balance mechanics for precision weighing under elevated temperature conditions. Plus the IR-200 features a universal, self-adjusting power supply to regulate electrical line surges common to plant operation.

# IR-200 Moisture Analyzer

The IR-200 moisture analyzer consists of a heating chamber with infrared radiation for drying powder, liquid and some solid samples, while continuously monitoring sample weight on an integral electronic balance.

Applications include: grain and food products, pharmaceuticals and cosmetics, paints, adhesives, paper products, soils and sludges.



## Specifications

Measurement Method  
Heat Source  
Temperature Setting  
Temperature Control

Temperature Steps  
Weighing Pan (Dia. x H)  
Balance Capacity  
Balance Readability  
Readability of Results  
Working Range  
Program Storage  
Units of Results  
End of Analysis Modes  
Display  
Controls  
Power Requirements  
External Dimensions (WxHxD)  
Analyzer Weight  
Data Storage  
Integral Printer  
External I/O (two)  
**Fisher Cat. No.**

Infrared radiation and detection of weight loss  
Four parallel quartz infrared heaters  
30-210°C in one degree increments  
Platinum temperature sensor, +/- 1°C with two-point calibration (optional calibration tool available)  
Programmable; one or two  
4 x .25 inches (101 x 6mm)  
100 grams  
1 mg (0.001g)  
0.01%  
0.1-99.9%  
99 programs with alphanumeric naming  
Percent moisture, solids, volatiles, moisture dry and mg/L (volume correction, IR-200 only)  
Time-out (2x max. 99 mins.), or automatic slope  
Back-lit liquid crystal display, 30 characters by 8 lines  
Test, Zero, Paper Feed, Help, Enter and numeric keypad  
115/230 VAC 50/60 Hz self-adjusting power supply  
14.75 x 6.0 x 16.75" (374 x 152 x 425mm)  
21 lbs. (9.5kg)  
255 last results with statistical evaluation (average, standard deviation, RSD, min. and max.)  
Thermal, 40-character graphical  
Serial bidirectional RS-232C and serial unidirectional RS-232C  
**01-913-378**



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