

# IR-30 Moisture Analyzer

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

The new IR-30 from Denver Instrument Company utilizes infrared heating and precision weighing to quickly and accurately measure moisture or solids content in powders and liquids.

**Reliable and simple to operate!**

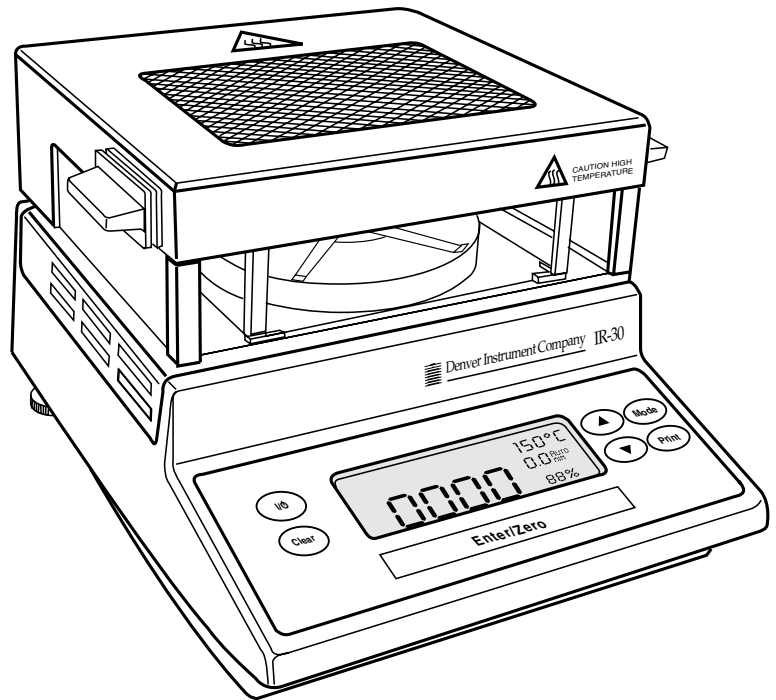
Plant floor operation is quick and easy to learn. A four-key control panel allows simple, error-free operation. The combination of an internal balance and an infrared dryer in the IR-30 obtains results in a few easy steps.

## Features:

- Compact size (8.5"W x 11"L x 6.5"H)
- Readability of .01%
- Precision balance with 0.001g resolution
- Microprocessor controlled
- Optional serial printer for documentation

## Applications:

- Food
- Beverages
- Grains
- Cosmetics
- Paper
- Soils
- Chemicals
- Sludge
- Pharmaceuticals
- Building materials and more!



## IR-30 Specifications

Measuring method	Heating by infrared rays, determination of weight loss
Sample weight	max. 30g, typical 5 - 10g
Readability (moisture content)	0.01%
Measuring accuracy (depends on sample)	0.05 (with an initial sample weight of approx. 5 - 10 g)
Temperature range	+40° - +160°C, 104° - 320°F
Temperature increments	5°C, 41°F
Ambient temperature range	+10 to 40°C, 50 to 104 °F
Sample dish	3.5 in. (90 mm)
Housing dimensions (Wx Dx H)	8.5x11.1x 6.5 in. (217x 283x165 mm)
Net weight	approx. 12.1 lbs. (5.5 kg)
Power requirements (voltage+frequency)	115 or 230 V (selectable); 50 - 60 Hz
Allowable voltage fluctuation	-20% to +15%
Power consumption	max. 400 VA
Interface	RS 232 C-S/V24-V28; 7 data bits;(ASCII); 1,200 baud; odd parity
Fisher Catalog No.	02-226-199



**Denver Instrument Company**

*Precision laboratory instruments since 1880*

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