



We've got something to prove.

Denver Instrument Company has been manufacturing high-precision balances since 1880. Today, the company is one of the world's most innovative manufacturers of electronic balances and moisture analyzers. Denver Instrument designs, fabricates and assembles all its own products in the U.S.A. and we're proud to back up the quality of the IR-100 with a two-year warranty. We're so confident that the IR-100 will perform your moisture analysis application that we welcome the opportunity to prove it to you.

So, put us to the test.

Send us your samples. Our Applications Laboratory will develop an optimized drying procedure specific to your material. Simply request a Denver Instrument SAMPLE-PAC for easy and reliable shipping of most samples.

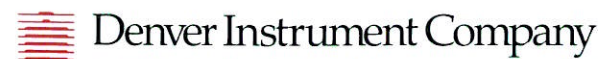
Specifications:

Measurement Method.....	Infrared radiation and detection of weight loss
Heat Source.....	Four parallel quartz infrared heaters
Temperature Setting.....	30-210°C (86-410°F) in one degree increments
Temperature Control.....	Platinum temperature sensor
Temperature Steps.....	One or two
Weighing Pan.....	100 mm (4 inches)
Capacity.....	100 grams
Tare Range.....	Full Range
Readability.....	0.01% or 0.001 grams
Working Range.....	0.1 - 99.9%
End Analysis Modes.....	Time out: 1-99 minutes Slope (constant weight) :0.01-1.0% of initial weight over 0.5 - 9.99 minutes
Units of Results.....	% moisture, % solids, or % volatiles (wet or dry basis)
Display.....	Two line (16 characters) back-lit LCD
Controls.....	Silicon sealed keyboard (numeric keys and 12 function keys)
Storage.....	10 drying procedures
External I/O.....	Serial output and centronics type parallel output
Optional Printer.....	Integral 40-column dot-matrix. Results only or selected intermediate value style printouts
Power Requirements.....	115 VAC, 50/60 Hz 550 watts (100, 200, & 230 VAC available)
Dimensions (WxHxD).....	375 x 177 x 420mm (15 x 7 x 16.5 in.)
Shipping Weight.....	16Kg (35 lbs.)
Standard Accessories.....	Aluminum pans (50/pkg.), quartz sample pads (25/pkg.) tweezers, manual

The IR-100 is available through:

IR-100 Moisture Analyzer*	
Model	Description
IR-100	With Printer
IR-100	Without Printer
Accessories	
Disposable Pans	50/pkg.
Quartz Pads	200/pkg.
Calibration Weight	50g S-1
Vibrating Spatula	

*Please specify power adaptor on purchase order.



6542 Fig Street, Arvada, Colorado 80004 U.S.A.
1-800-321-1135 or (303)431-7255 FAX (303)423-4831

Litho in U.S.A.
05/93 18M



IR-100 Moisture Analyzer



Denver Instrument Company