



Weighing Technology

A Higher Level of Precision...A Higher Level of Performance

IL-50

SERIES



Intell-Lab™ Moisture Analysis Balance

- ✓ User Friendly Menu
- ✓ RS 232 Interface
- ✓ Large, Easy to Read Backlit LCD Display
- ✓ Displays % Moisture, % Solids, Time, Temperature
- ✓ Halogen Lamp for Even Heating and Fast Results
- ✓ Simple Operation



Manufactured for Intelligent Weighing Technology, Inc. in an ISO 9001 certified facility

IL-50

SERIES

Intell-Lab™

Moisture Analysis Balance

Model	IL-50.01	IL-50.001
Capacity	50 g	
Readability	0.01 g / 0.1% moisture	0.001g / 0.01% moisture
Repeatability (Std. Dev.)	0.3 % (3 g sample) – 0.2% (10 g sample)	
Weighing Units / Functions Displayed	% moisture, % solids, time, temperature	
Moisture Range	0.01% to 100%	
Timer Range	1 to 99 minutes	
Tare Range	To capacity by subtraction	
Heating Unit	Halogen lamp	
Temperature Range	50° to 180° C by 1° C increments	
Power Source	120 VAC	
Display	Large, easy to read graphical backlit LCD display	
Pan Size	3.5 inch / 90 mm diameter	
Overall Dimensions (W x D x H)	6.5 x 11 x 5" / 170 x 280 x 130 mm	
Operating Environment	+ 41° F to + 104° F / +5° C to +40° C	
Connectivity	RS 232 interface	
Net Weight	5 lb / 2.3 kg	
Shipping Weight	8.5 lb / 3.9 kg	
Options	Printers, Pure-Sample™ disposable aluminum pans and glass fiber pads, temperature calibration kit	

Features	Benefits
Wide opening heater chamber	Allows easy access to the weigh pan
Large operating temperature range	Allow flexibility of operation
Auto switch off on time or weight loss	Gives more consistent results
RS 232 interface	Allows communication with peripheral data collection and printing instruments
Carrying case	Ensure that balance is not damaged during storage or transit
Calibration weight	Ensures that balance is calibrated often



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