

Intelligent-Lab™ Moisture Analysis Balance



- Load Cell
- Simple Operation
- Backlit LCD Display
- Solids or Liquids Results
- External Calibration, Calibration Weight Included
- RS-232 Interface
- Aluminum Carrying Case, Tweezers, Sample Carrier Included
- Temperature Range - 50° to 180° C by 1° C Increments



intelligent®

Weighing Technology

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

| 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 |

Pure-Sample™ Aluminum Pans and Glass Fiber Pads

