

**BE ADAM**

# AMB Precision Moisture Balance



Speed, Performance, Value - Perfect Balance

- **Built-in convenience for busy labs** Seven pre-set drying modes for quick start-up. Pre-selected temperature is quickly reached and maintained with in 1°C increments. Nonvolatile memory stores time and temperature of the last process so it can be replicated effortlessly. Analysis automatically terminates either when weight stabilizes or after a user-specified fixed interval.
- **Reliable readings ensured** Equipped with two powerful 200W quartz halogen lamps for constant and even heating of samples. Users can program for temperature correction of samples. Calibration facilities for temperature and weight.
- **Critical data at a glance** Features 4 displays so temperature, time, mode and weight / percentage can be viewed simultaneously.
- **Smart construction for the lab environment** Removable spill tray for easier cleaning. Durable aluminum housing with stainless steel pan support. Compact design saves limited bench space. Complete with 10 disposable sample pans to help you get started.
- **Technology for today's labs** Built-in bi-directional RS232 interface provides users with everything they need for reporting through computers or printers.



The AMB moisture balance delivers reliable moisture content measurements every time. For ease of operation and speed, the AMB has a large LED display that simultaneously shows all critical data: weight data, a choice of percentage moisture or percentage solids of either initial or residual mass, plus temperature, time and mode.



### Technical Specifications:

<b>Model</b>	<b>AMB 50</b>
<b>Capacity</b>	50g
<b>Readability</b>	0.001g / 0.01%
<b>Repeatability (s.d)</b>	0.002g 0.2% (1 gram sample) 0.02% (10 gram sample)
<b>Linearity</b>	0.002g
<b>Pan Size</b>	100mm $\varnothing$ / 3.9" $\varnothing$

### General Specifications:

<b>Weighing units</b>	grams, percentage moisture, percentage solids
<b>Application</b>	Moisture, weighing
<b>Features</b>	7 drying modes Color-coded keys for zero and tare Adjustable feet with level bubble Auto-run setting stops the drying process either when it is completed or at a user-selected time Memory to store last drying procedure Memory for temperature corrections up to 9 user programmable locations Dual 200W quartz halogen heating lamps
<b>Tare range</b>	Full capacity by subtraction
<b>Stabilization time</b>	Typically 5 seconds
<b>Interfaces</b>	Bi-directional RS232
<b>Drying temperature</b>	50°C to 160°C (1°C increments)
<b>Power supply</b>	Choose either 115v or 220v (specify at time of order)
<b>Calibration</b>	Automatic external for weight and temperature
<b>Display</b>	4 x LED displays: temp, time, mode, and weight or percentage
<b>Housing</b>	Aluminum, stainless steel pan support
<b>Gross weight</b>	5Kg / 11Lb
<b>Overall dimensions (w x d x h)</b>	175 x 300 x 190mm / 6.9" x 11.8" x 7.5"

### Key Accessories:

- Disposable aluminium sample pans
- Anti-vibration table
- Printer
- Replacement printer paper
- RS232 cable (balance to PC)

Adam Equipment has been providing professionals with quality balances and scales for over 30 years. The company is certified to ISO 9001:2000.

Adam Equipment manufactures and distributes a complete selection of mass measurement products for the laboratory, medical, educational, industrial and retail markets. All Adam balances and scales are backed by Adam Assurance Warranties with responsive and reliable service before, during and after the sale.

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