Professional Moisture Analyzers for Advanced Moisture Analysis

Measuring moisture content has never been easier than with the MB120 and MB90 Moisture Analyzers. Geared to increase precision and efficiency in the lab, these Moisture Analyzers feature a precisely-controlled halogen heating system which helps to yield fast and repeatable results with readability up to 0.01%. The robust housing and die-cast structure is designed for easy, tool-free cleaning and durability. An intuitive touchscreen icon-driven menu guides users through every step of the operation process.

Standard Features Include:

- **Define your Drying Parameters and Store Up to 100 Methods for Easy Recall**
  MB120's Temperature Guide helps to analyze a sample and determine the optimal drying temperature. You can store up to 100 methods and 1000 total results, for statistical analysis of measurements. Three levels of user management are available to meet individual user requirements and ensure data safety.

- **Increase Efficiency in your Lab with Fast Heating Halogen Technology that Yields Precise Results**
  A precisely controlled halogen heating system distributes heat uniformly over the sample, ensuring fast and repeatable results. Four selectable drying profiles for easy one-step drying and six shut-off criteria to automatically end the test (once moisture loss is no longer detected) are available in the MB120.

- **Effortless Cleaning with the Tool-Free Cleaning Structure**
  Designed with convenient maintenance in mind, no tools are required for cleaning these moisture analyzers. Simply remove the glass and tray to clean the sample chamber. The robust housing and die-cast base guarantee durability.

- **Operate Intuitively Using Icon-Based Navigation on the Color Touchscreen Display**
  You can access all of the MB120 and MB90's features and parameters on the easy-to-read color touchscreen display. The intuitive icon-based navigation guides users through every step of the operation process.

MB120 & MB90 *Moisture Analyzers*

Model	MB120	MB90
Capacity	120 g	90 g
Readability	0.01 %/0.001 g	0.01 %/0.001 g
Repeatability (Std Dev) (g)	0.05 % (3 g sample) 0.015 % (10 g sample)	0.18 % (3 g sample) 0.02 % (10 g sample)
Moisture Range	0.01 % to 100 % (0.01 % to 1000 % for regain mode)	0.01 % to 100 % (0.01 % to 1000 % for regain mode)
Output	RS232, USB host, USB device	
Heating Element	Halogen	
Temperature Range	40 °C-230 °C	40 °C-200 °C
Power	120 or 240 VAC 50/60 Hz	
Operating Temperature Range	10 °C to 40 °C	
Display Type	4.3", QVGA, TFT touch screen	
Display Results	%moisture, %solids, %regain, time, temperature, weight, method name, drying curve and statistics	
Pan Size	90 mm	
Dimensions (W × H × D)	210 × 180 × 350 mm	
Net Weight	5.23 kg	
Shipping Weight	8.35 kg	

Other Standard Features and Equipment
Add standard features and equipment for the product in this paragraph section.

Compliance
• **Models are CE, UL listed, CSA approved and FCC approved**

Accessories

Pan Holder, MB90 MB120 30246947

In-Use-Cover, Accessory, MB90 MB120 30284478

Scoop, Accessory, MB90 MB120 30284477

Temperature Calibration Kit 11113857

Anti-Theft Device, MB AX EX 80850043

Pan, Aluminum, Set(80), MB Series 80850086

Filter, Glass Fiber, Set(200) 80850087

Cage, Sample, MB Series 80252477

Pan, Reusable, Set(3), 7mm, MB Series 80252478

Pan, Reusable, Set(3), 14mm, MB Series 80252479

Printer, Impact, SF40A 30045641