Moisture Analytical Balances
MB Series

a measurable difference...

IDM®
instruments

Redefining Value in Moisture Analysis

- EASY TO SET UP & OPERATE: The MB90/MB120 utilize a touchscreen display with icon-driven menu navigation, and the more compact MB23/MB25 units have a custom backlit LCD

- HALOGEN OR IR HEATING ELEMENTS: MB25/MB90/MB120 boast a fast and even heating halogen lamp while the MB23 uses a glass free IR heating system

- ADVANCED FUNCTIONALITY: The MB120 features a temperature guide, program parameters to set up 100 different types of samples, a large 1,000 result memory and a 3-level user management system, where settings can be locked for a main user.

- COMPACT DEISGN: MB23/MB25 are designed with an even smaller footprint to take up less space. Their easy to clean chamber is ideal for frequent use and inexpensive maintenance.

Specifications :

Model	MB120	MB90	MB25	MB23
Capacity (g)	120	90	110	
Readability (g)	0.01%/ 0.001g		0.05%/ 0.005g	0.1%/ 0.01g
Repeatability	0.05% (3g sample)	0.18% (3g sample)	0.2% (3g sample)	0.3% (3g sample)
Pan Size	90mm Sample Pan Holder included			Pan Holder optional
Display	Touch Screen with icons		Custom Backlit LCD	
Temperature Range	40 - 230°C in 1°C increments	40 - 200°C in 1°C increments	50 - 160°C in 5°C increments	
Heating Element	Halogen			IR
Displays	%moisture, %solids, %regain, time, weight (g), statistics, temperature, test ID, drying curve		%moisture or %solids or weight (g), temperature, time	
Dimensions (W x D x H)	210 x 180 x 350mm		170 x 130 x 280mm	
Packaged Weight	8.5kg		4kg	

a measurable difference...

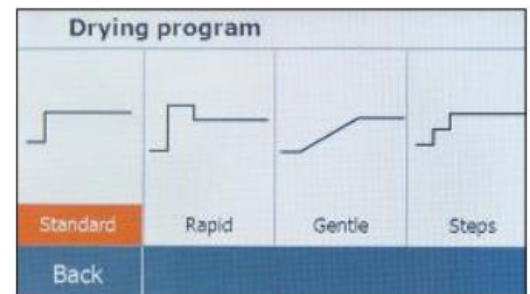**IDM® instruments**

Additional Features:

- **MB120** Advanced Moisture Balance
  - ABS top housing, stainless steel pan support & pan handler, in-use cover, 7 shut-off criteria, 4 heating profiles, 13 operational languages (display only)
- **MB90** Advanced Moisture Balance
  - ABS top housing, stainless steel pan support & pan handler, in-use cover, 3 shut-off criteria, 2 heating profiles, 13 operational languages (display only)
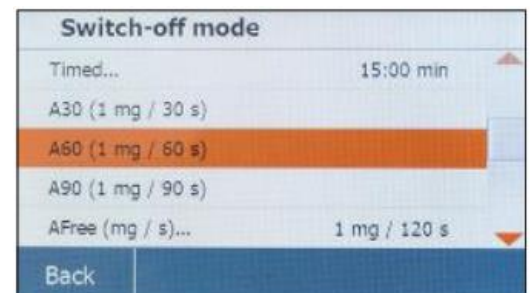
Uniform Drying

Optional Accessories:

- Pan Holder MB120/MB90
- Sample Cage
- Temperature calibration kit
- Compact thermal printer
- Printer paper reels
- Printer Ink Ribbon
- In-Use cover
- RS232 cable and adapter
- RS232 cable, PC 9 pin
- Aluminium Sample Pans (80 per box)
- Reusable 7mm Sample Pan (set of 3)
- Reusable 14mm Sample Pan (set of 3)
- Filter Pads, Glass Fibre (200 per box)
- Anti-Theft Device

4 Drying Profiles

Customised End Points

Models are CE, UL listed, CSA approved and FCC approved