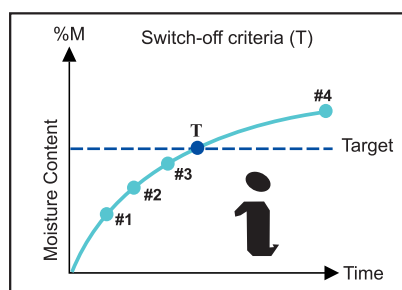




The Uncompromising Halogen Moisture Analyzer 'Loss on Drying' (LOD) principle.



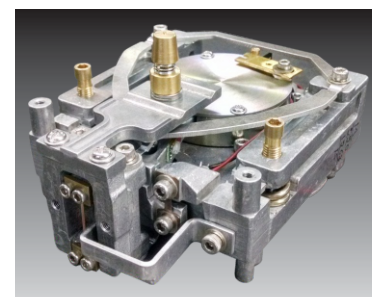
Reliability :

Reliable result depend on correct methodology. Select the **Intelligent** function, key in the reference value and maximum time. The MB swiftly calculates appropriate switch-off criteria automatically to match the reference value to the last decimal place. You can save this parameter as method. **Intelligent** efficiently develops your method and saves your time in any area where different products are analyzed for their moisture content. You could never match your reference value with such accuracy.



Ultra Fast and uniform heating

Uniquely designed circular halogen Lamp and reflectors ensures utmost rapid heating, shorten the measurement time. Well engineered heating chamber ensure uniform heating to achieve exact result with exceptional reproducibility.



Brilliant Monotech sensor with analytical precision

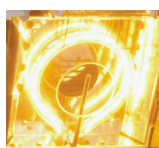
The outstanding measurement performance of MB series is based on brilliant analytical weighing Technology MONOTECH, The forth decimal place is not displayed but is measured and used in calculation of highly precise results, gives highest measurement security.

Accurate & Reproducible

Technical Parameters :

Model	MB 54	MB 40	MB 50	MB 120	MB 200
Measurement Value					
Readability	0.0001%	0.001%	0.001%	0.001%	0.001%
Repeatability (sd) for initial sample wt. = 2g	0.05%	0.1%	0.1%	0.1%	0.1%
Repeatability (sd) for initial sample wt. = 10g	0.02%	0.03%	0.03%	0.03%	0.03%
Evaluation					
Display units of Measurement	%M, %D, %R (ratio), Gm/Lt, %M Atro, %D Atro				
Statistics	Method wise for each individual 40 methods or Batch wise for each individual 100 batches for last 9999 results				
Data Storage	Last 1000 Moisture Determination results				
Weighing Balance					
Max. Sample weight	50 g	40 g	50 g	120 g	200 g
Minimum Sample Weight	0.2 g	0.2 g	0.2 g	0.2 g	0.2 g
Readability	0.1 mg	0.001 g	0.001 g	0.001 g	0.001 g
Pan Size (Ø mm)	95 mm				
Drying Unit					
Heating Source	Infra Red Halogen				
Temperature range	30°C to 175°C (Optional 250°C)				
Temperature increment	1°C				
Heating Profile	Standard, Gentle, Rapid, Steps, High Temperature				
Switch off Criteria	Auto Manual, User Def Weight / Time, User Def % Unit / Time, Intelligent				
User Support					
Auto Method Development	Intelligent				
Method Memory	40				
Batch Memory	100				
Method Designation	Alpha Numeric				
Serial Number	Yes				
Compile	Yes (Method Linking)				
Standby Temperature	30°C to 100°C				
Display	Graphical Display with LED backlight				
Data Interface	RS 232C Bidirectional, USB Ethernet, PS2				
Print	GLP / GMP Compliant, User Configurable				
Quality Management					
Test	Weighing and Heater				
Weight in Assist	Yes				
Password	Method, Setting, Print Format, Data Delet, Calibration, Drying				
Miscellaneous					
Power Supply	230V/50Hz or 115V/60Hz				
Power Consumption (Watt)	Max 415				
Housing Dimension mm	211 (W) x 342 (D) x 178 (H)				
Weight Approx	5kg				
Packing Dimension mm	325 (W) x 390 (D) x 285 (H)				

Optional Accessories



Optional Temp. 250°C



Aluminum Dish



Temperature Kit



Statistical Printer



Test Weights



Battery Backup Unit