

Moisture Analysis



MB SERIES

Redefining value in moisture analysis

- ✓ **Easy to setup and operate**—The MB45/35 utilize a dot matrix graphic display for quick setup and use. The MB23/25 employ a bright backlit LCD display.
- ✓ **Halogen or IR heating elements**—MB45/35/25 have a fast and even heating halogen lamp, while the MB23 uses a glass free IR heating system.
- ✓ **Simple or Advanced**—The MB45 features powerful software with an integrated database to store 50 drying procedures along with the ability to track statistical data. All products feature multiple shutoff criteria to save time and cost.

Flexible choices with capacities from 35g to 110g and readabilities of 0.01g to 0.001g.



MB45 Dot Matrix display



Pan Handler



Statistics



Moisture Analysis



Multi-language



Time/Date



GLP Data Output



Backlight



RS232 Interface

Item #	MB45	MB35	MB25	MB23
Capacity (g)	45	35	110	110
Readability	0.01%/0.001g	0.02%/0.002g	0.05% / 0.005g	0.1% / 0.01g
Repeatability (g)	0.05 % (3g sample) 0.015 % (10g sample)	0.18 % (3g sample) 0.05 % (10g sample)	0.2% (3g sample) 0.05% (10g sample)	0.3% (3g sample) 0.2% (10g sample)
Pan Size (in/cm) Diameter	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler included	3.5/90 Sample Pan Handler optional
Timer	1-120 Minutes in 10 second increments	1-120 Minutes in 30 second increments	1 - 99 minutes, 30-second increments to 60 minutes	
Heating Element	Halogen	Halogen	Halogen	IR
Temperature Range	50° to 200° C in 1° C increments	50° to 160° C in 5° C increments		
Dimensions (WxHxD) (in/cm)	7.5 x 6 x 14 / 19 x 15.2 x 35		6.5 x 5 x 11 / 17 x 13 x 28	
Displays	% Moisture, % Solids, Time, Weight, Statistics, Temperature, Test ID, Drying Curve	% Moisture, Time, Weight, Temperature	% moisture or % solids or weight (g), temperature, time	
Span Mass (g)	20		50	
Mass Item # (opt.)	49024-11		51054-16	



MB25



MB23



MB25/23 Display



MB25/23 RS232 interface connection

MB Accessories	
OHAUS #	Description
80252042	Dot Matrix Printer
80252571	Cable kit to connect Dot Matrix Printer to Moisture Balance
80251932	Paper for Dot Matrix Printer
80251933	Ink Ribbon for Dot Matrix Printer
80251992	Thermal Printer
80251931	Paper for Thermal Printer
80252581	Cable kit to connect Thermal Printer to Moisture Balance
80500746	Ohaus Collect Software
SW12W	TAL Software WinWedge
80500525	RS232 Cable, PC 9 Pin to MB45, MB35, MB23 and MB25
80500524	RS232 Cable, PC 25 Pin to Pioneer
11113857	Temperature Calibration Kit for MB45, MB35, MB25, MB23
80850086	Sample Pans for MB45, MB35, MB25, MB23 (50/box)
80850088	Reusable Sample Pans for MB45, MB35, MB25, MB23 (3/pk)
80850087	Pads, Glass Fiber for MB45, MB35, MB25, MB23 (200/box)
470004-010	Security Device for MB45 and MB35
11113873	Sample Pan Handler for MB45, MB35, MB25, MB23
80850085	In-Use Cover for MB45 and MB35