

MB Series Moisture Analyzers

Specifications

Model	MB45	MB35	MB25	MB23
Capacity	45g	35g	110g	110g
Repeatability (Std Dev) (g)	0.05% (3g sample) 0.015% (10g sample)	0.18% (3g sample) 0.02% (10g sample)	0.2% (3g sample) 0.05% (10g sample)	0.3% (3g sample) 0.2% (10g sample)
Readability	0.01% / 0.001g	0.02% / 0.002g	0.05% / 0.005g	0.1% / 0.01g
Sample Size	3g to 20g typical, 0.5g min.			
Output	Bidirectional RS-232 w/ GLP/GMP		Bidirectional RS-232	
Heating Technology	Halogen with ramped voltage to save bulb life			Infrared (no glass)
Temperature Range	50°C to 200°C in 1° increments	50°C to 160°C in 5° increments		
Heating Options	4 (Fast, Standard, Ramp, Step)		(1) Standard	
Shutoff / Timing Criteria	Manual, Custom, pre set 1-120 minutes in 10-second increments or Auto	Manual, 1-120 min, 30-sec. Inc. to 60 min 1 min. incr. from 60 - 120 min or Auto	Manual, Timed 1 - 99 minutes, 30-second increments to 60 minutes, or Auto	
Power	120, 240 VAC 50/60 Hz		100 to 240 VAC, 50/60 Hz	
Tare Range	To capacity by subtraction			
Operating Temperature Range	41° to 104°F / 5° to 40°C			
Calibration	Weight and temperature calibration (masses and temperature kit sold separately)			
Display Type	128 x 64 pixel dot matrix backlit LCD display		Custom backlit LCD	
Test Database	50 procedure test library		NA	
Result Displays	% moisture, % solids, % Regain, statistics, time, temperature, weight (g), test ID, drying curve	% moisture, actual weight (g), actual temperature and test time	% moisture or % solids or weight (g), temperature, time	
Display Language	English, Spanish, French, Italian, German	English, Spanish, French	English	
Pan Size (Diameter)	3.5 inch / 90 mm			
Dimensions (W x H x D)	7.5 x 6 x 14.2 inches / 19 x 15.2 x 36 cm		6.5 x 5 x 11 inches / 17 x 13 x 28 cm	
Net Weight	10.1 lb / 4.6 kg		5 lb / 2.3 kg	
Shipping Weight	14.1 lb / 6.4 kg		8.5 lb / 3.9 kg	

Models are CE, CSA/UL and FCC approved

Accessories	OHAUS Number
Compact Dot Matrix Impact Printer	80252042
Compact Thermal Printer	80251992
OHAUS Collect Software	80500746
TAL Software WinWedge	SW12W
Paper for Printer 80252042	80251932
Ribbon for Printer 80252042	80251933
RS232 Cable & Adapter, 80252042 Printer to MB45, MB35, MB23, MB25	80252571
RS232 Cable & Adapter, 80251992 Printer to MB45, MB35, MB23, MB25	80252581
RS232 Cable, PC 9 Pin to all MB45, MB35, MB23, MB25	80500525
Temperature Calibration Kit for MB45, MB35, MB23, MB25	11113875
RS232 Cable, PC 25 Pin to MB45 and MB35	80500524
Sample Pans for MB45, MB35, MB23, MB25 (50/box)	80850086
Reusable Sample Pans for MB45, MB35, MB23, MB25 (3/pk)	80850088
Pads, Glass Fiber for MB45, MB35, MB23, MB25 (200/box)	80850087
Security Lock for MB45, MB35, MB25, MB23 (Kensington® type)	470004-010
Sample Pan Holder (STD for MB45, MB35, MB25)	11113873
In use cover MB45, MB35 (STD for MB45, MB35)	80850085
In use cover MB23, MB25 (STD for MB25, MB23)	80252475

Industry Leading Quality and Support

All OHAUS MB Series moisture analyzers are manufactured under an ISO 9001:2000 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all OHAUS products for over a century.

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