



BA/40932



BA/40934



BA/40930

Balances, moisture, MB series

Ohaus MB moisture analysers feature a precisely controlled heating system; heat is distributed uniformly over the sample which helps to produce fast and repeatable results with readability up to 0.01%. The operating temperature range covered is 40 to 230°C in 1°C increments on model MB 120, and 40 to 200°C in 1°C increments on model MB90. All of the features and parameters of both the MB120 and the MB90 can be accessed via the easy-to-read colour touchscreen display. The intuitive icon-based navigation guides users through every step of the operation process in a choice of 13 languages (display only, no key in).

Both models are supplied with ABS top housing, stainless steel pan support, stainless steel pan handler and in-use cover, all of which are also available as accessories, plus a user guide.

Additional features for model MB90:

3 shut-off criteria (manual, timed or auto), 2 heating profiles (standard and fast), storage up to 2 methods and 100 test results for each method.

Additional features for model MB120:

7 shut-off criteria (manual, timed, auto free %/s, auto free mg/s, A30, A60 and A90), 4 heating profiles (standard, fast, ramp and step), storage up to 100 methods and 1000 test results for each method.

Technical Specifications Model	MB120	MB90
Capacity	120g	90g
Repeatability	0.01%/ 0.001g	
Repeatability (Std Dev) (g)	0.05% (3g sample) 0.015% (10g sample)	0.18% (3g sample) 0.02% (10g sample)
Output	RS232, USB host, USB device	
Heating element	Halogen	
Temperature range	40 to 230°C	40 to 200°C
Power	120 or 240 VAC 50/60Hz	
Operating temperature range	10 to 40°C	
Display Type	109mm, QVGA, TFT touch screen	
Display results	% moisture, % solids, % regain, time, temperature, weight, method name, drying curve and statistics	
Pan size	90mm	
Dimensions (W x H x D)	210 x 180 x 350mm	
Weight	5.23Kg	

Cat. No.	Model	Description
BA/40932	MB120	Moisture balance MB120, capacity 120g
BA/40934	MB90	Moisture balance MB90, capacity 90g

Accessories Cat. No.	Description
BA/40912	Sample pan, Aluminium, disposable, for use with MB series moisture analysers, pack of 80
BA/40590	Pan holder for moisture balance models MB90 and MB120
BA/40592	Pan, re-useable, 7mm, set of 3
BA/40594	Pan, re-useable, 14mm, set of 3
BA/40920	Temperature calibration kit for MB series balances
BA/40916	Filter, glass fibre, pack of 200
BA/40596	Sample cage
BA/40598	In-use cover
BA/40116	Anti-theft device
BA/40544	Thermal printer model STP103 for series MB analysers
BA/40552	Thermal paper roll for STP103 printer
BA/40560	SF40A Impact printer

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- Halogen Heating
- Ideal for fast routine tasks with readability up to 5mg/0.05%
- Compact and simple to operate

Application	Moisture determination from 50°C to 160°C, 5°C increments			
Repeatability	0.05% (10g sample)			
Display	Custom backlit LCD			
Operation	Mains operation			
Communication	RS232 Interface			
Construction	Durable ABS			
Design features	Compact design, in-use cover, sample pan holder, halogen heating, manual, automatic or timed duration drying time			

Cat. No.	Model	Capacity	Readability	Platform (mm)
BA/40930	MB25	110g	5mg	Ø90

