



## *High Performance Moisture Analysis with Advanced Features for the Most Demanding Application*

The new MB92 features a redesigned housing, innovative carbon fiber IR heating and upgraded load cell for enhanced durability and performance. Ideal for users demanding a higher level of performance on both the laboratory and production floor, offering greater data security and integrity with password protection.

### *Unique Features:*

- Robust and durable with the new carbon heating technology and an upgraded full color capacitive touchscreen, MB92 is the perfect choice for users demanding a high level of performance and precision.
- Multiple drying profiles, shut off criteria and methods offer great flexibility in method creation. Enhanced password protection ensures greater data security and integrity.
- A full glass panel and tool-free heating chamber assembly makes cleaning and maintenance easy. Perfect for both the laboratory and the production floor.

# MB92 Moisture Analyzers

## Specifications

|                             |   |
|-----------------------------|---|
| Model                       | MB92  |
| Readability                 | 0.01 % / 0.001 g  |
| Repeatability               | 0.08 % (3 g sample)<br>0.015 % (10 g sample)  |
| Moisture Range              | 0.01 % to 100 % (0.01 % to 1000 % in regain mode)   |
| Recommended MC%             | 0.5 % to 100 %  |
| Minimum Start Weight        | 0.5 g   |
| Capacity                    | 90 g  |
| Heating Element             | Carbon Fiber IR   |
| Temperature Range           | 40 - 200 °C (1 °C incremental)  |
| Drying Programs             | Standard, Fast, Ramp, Step  |
| Method Library              | 20  |
| Result Storage              | 200   |
| Switch-off Criteria         | 5 automatic, timed (1 - 480 mins), manual, free   |
| ID Management               | Sample Name (Free Defined), Sample ID (Free Defined) and Batch ID (Free Defined)                  |
| Status Light                | Multi-color status light  |
| Operation Instruction       | Live drying curve, On-screen instruction  |
| Display Type                | 4.3" capacitive touch screen  |
| Display Results             | MC%, DC%, RG%, time, temperature, weight, method name., drying curve and statistics               |
| Language                    | English, French, German, Italian, Spanish, Portuguese, Chinese, Korean, Japanese, Polish, Turkish |
| Adjustment                  | Temperature adjustment (100 °C, 160 °C)<br>External weight adjustment (50 g)                      |
| Output                      | RS232, USB host, USB device   |
| Power                       | 120 or 240 VAC 50/60 Hz   |
| Operating Temperature Range | 10 - 40 °C  |
| Pan Size                    | Ø 90 mm   |
| Dimension                   | 210 x 138 x 352 mm  |
| Net Weight                  | 4.3 kg  |
| Shipping Weight             | 6.1 kg  |

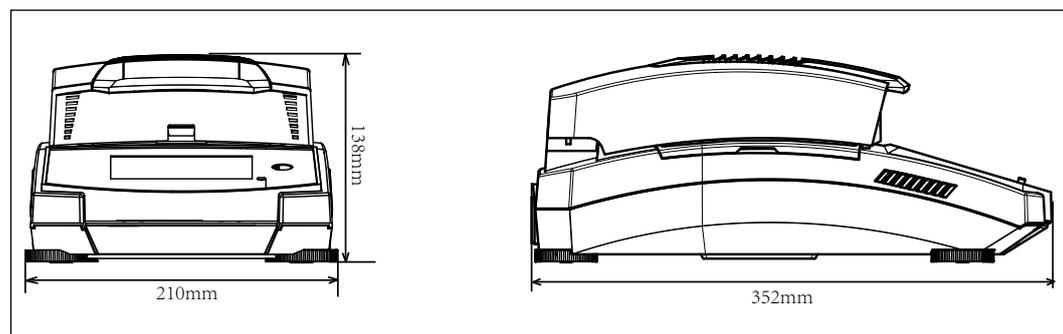
## Compliance

- **Product Safety:** IEC/EN 61010-1; IEC/EN 61010-2-010; CAN/CSA C22.2 61010-1; CAN/CSA C22.2 61010-2-010; UL 61010-1; UL 61010-2-010
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, Basic environments; FCC Part 15 Class A; Canada ICES-003 Class A
- **Compliance Marks:** CSA; CE; RCM; WEEE

## Accessories

|  |          |
|--|----------|
| Pan Handler, MB32 MB62 MB92 .....          | 30954234 |
| In-Use Cover, MB92 .....                   | 30954269 |
| Temperature Calibration Kit .....          | 11113857 |
| Scoop .....                                | 30284477 |
| Aluminum Pan (50) .....                    | 30585411 |
| Glass Fiber Pads (200) .....               | 80850087 |
| Cage, Sample .....                         | 80252477 |
| Reusable Pan, Set (3), 7mm .....           | 80252478 |
| Reusable Pan, Set (3), 14mm .....          | 80252479 |
| SF40A Impact Printer .....                 | 30064202 |
| Bluetooth Printer, Impact, SF40A/BT .....  | 30944359 |
| Protective Glass Kit, MB32 MB62 MB92 ..... | 31045693 |
| Carrying case, MB32 MB62 MB92 .....        | 31035939 |

## Outline Dimensions



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**OHAUS Europe GmbH**

e-mail: [ssc@ohaus.com](mailto:ssc@ohaus.com)  
Tel: 0041 22 567 53 19  
e-mail: [tsc@ohaus.com](mailto:tsc@ohaus.com)  
Tel: 0041 22 567 53 20

[www.ohaus.com](http://www.ohaus.com)

*The management system governing the manufacture of this product is ISO 9001:2015 certified.*

