



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

The new MB92 features a redesigned housing, innovative carbon fiber 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                                                                                      |
| 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<br>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 VAC 50/60 Hz                                                                                  |
| Operating Temperature Range | 10 - 40 °C                                                                                        |
| Pan Size                    | Ø 3.5 inch / 90 mm                                                                                |
| Dimension                   | 210 x 138 x 352 mm / 8.3 x 5.4 x 13.9 inch                                                        |
| Net Weight                  | 4.3 kg / 9.5 lb                                                                                   |
| Shipping Weight             | 6.1 kg / 13.4 lb                                                                                  |

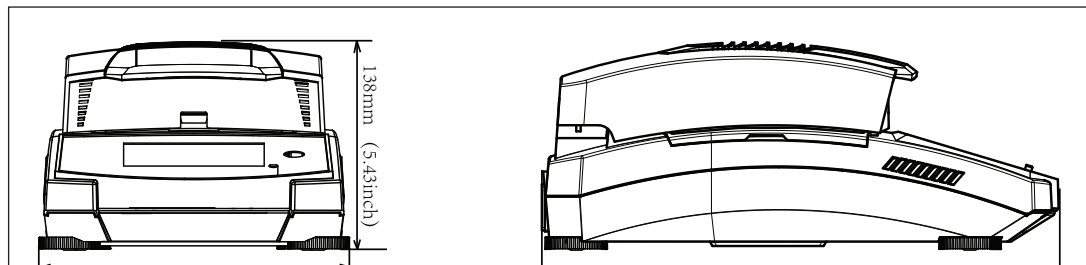
## Compliance

- **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 (80) .....           | 80850086 |
| Glass Fiber Pads (200) .....      | 80850087 |
| Cage, Sample .....                | 80252477 |
| Reusable Pan, Set (3), 7mm .....  | 80252478 |
| Reusable Pan, Set (3), 14mm ..... | 80252479 |
| SF40A Impact Printer .....        | 30064203 |

## Outline Dimensions



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