



# M-Power Series

Toploading Balances - 0.1 g

M-Power Series



### Features

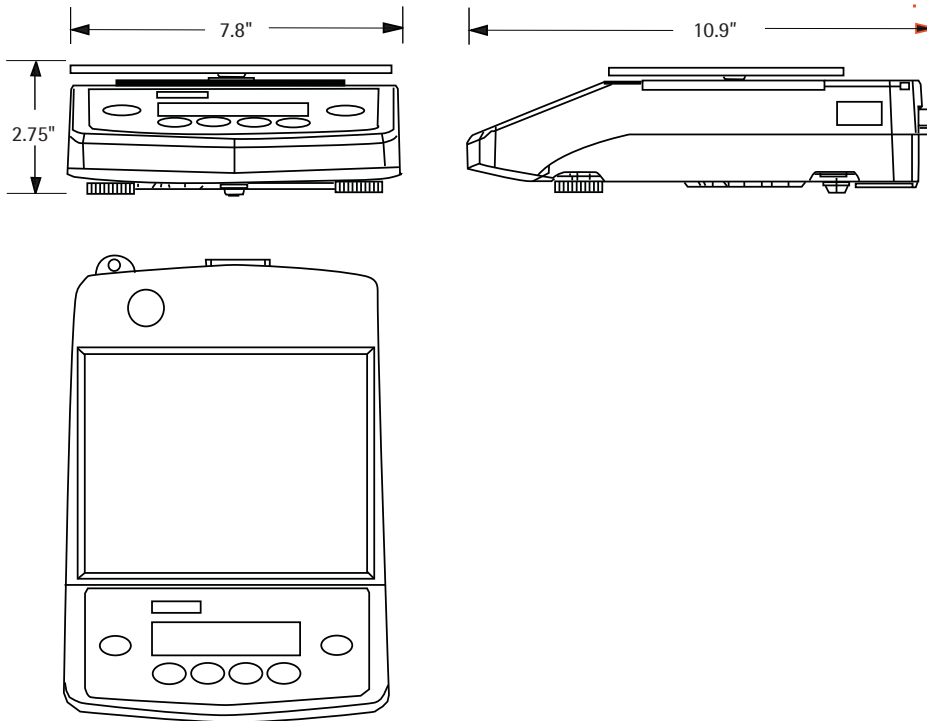
- Advanced weighing technology
- High contrast LCD display
- Bi-directional RS232 interface port
- Four digital filter settings for environmental adaptation
- Three year warranty

### Applications

- Academic and Research
- Pharmaceutical Laboratories
- Waste water Laboratories
- Environmental Laboratories
- Selectable applications: Counting, Percent Weighing, Unit Toggle, Animal Weighing, Net-Total

| Toploader Specifications                | AZ601  | AZ2101     | AZ4101     | AZ6101     |
|---|--|------------|------------|------------|
| Capacity                                | 600 g  | 2100 g     | 4100 g     | 6100 g     |
| Readability                             | 0.1 g  | 0.1 g      | 0.1 g      | 0.1 g      |
| Repeatability                           | ± 0.1 g  | ± 0.1 g    | ± 0.1 g    | ± 0.1 g    |
| Linearity                               | ± 0.2 g  | ± 0.2 g    | ± 0.2 g    | ± 0.2 g    |
| Corner Load                             | ± 0.4 g  | ± 0.4 g    | ± 0.4 g    | ± 0.4 g    |
| External Calibration Weight             | 500 g  | 1000 g     | 2000 g     | 5000 g     |
| Recommended Calibration Weight          | WE500GAC3C   | WE01KGAC3C | WE02KGAC3C | WE05KGAC3C |
| Stabilization time (average)            | 2.0 seconds  |            |            |            |
| Weighing Modes                          | Grams, Kilograms, Pounds, Ounces, Grains, Parts per pound, Milligrams, Carats, Pennyweight, Troy ounces, Taiwanese Taels, Hong Kong Taels, Singapore Taels, Chinese Taels, Mommies, Austrian Carats, Tola, Baht, Mesghal |            |            |            |
| Applications                            | Net-Total formulation, Counting, Percent weighing, Averaging, Unit Toggle  |            |            |            |
| Tare Range (subtractive)                | 600 g  | 2100 g     | 4100 g     | 6100 g     |
| Pan Size/ Type                          | 6.9" x 5.6" (174 x 143 mm)   |            |            |            |
| Display Type                            | LCD  |            |            |            |
| Overload Protection                     | Yes  |            |            |            |
| Overload Indication                     | Displays "H"   |            |            |            |
| Underload Indication                    | Displays "L"   |            |            |            |
| Operating Temperature                   | 50°F to 86°F (10°C to 30°C)  |            |            |            |
| Allowable Ambient Operating Temperature | 41°F to 104°F (5°C to 40°C)  |            |            |            |

Foot Notes: Performance specifications measured within optimum temperature range and proper calibration. Specifications subject to change without notice.



**Common Specifications**

|                                |  |
|--------------------------------|--|
| Audio Tone                     | At start up and function keys                                      |
| Adaption to Ambient Conditions | By selection of 1 of 4 optimized filter settings                   |
| Display Update                 | 0.2-0.8 seconds (depends on the filter setting selected)           |
| Dimensions (WxDxH)             | 7.8" x 10.9" x 2.75" (199 mm x 277 mm x 70 mm)                     |
| Net Weight (lbs/kg)            | 3.7 lbs. (1.7 kg)  |
| Shipping Dimensions/Weight     | 15.3" x 11.8" x 8.6" (390 mm x 300 mm x 220 mm) / 5.5 lbs (2.5 kg) |
| Battery Operation              | External rechargeable battery pack or 8 "AA" batteries             |
| AC Power Requirements          | AC adapter, 120V, +15%...-20%                                      |
| Frequency                      | 50/60 Hz   |
| Power Consumption (avg)        | 0.75 Watt  |
| Optional Accessories           | Calibration weights, RS232 Interface Cable                         |
| Warranty                       | 3 Year Manufacture Warranty - Parts and Labor                      |

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| Accessories                                     | Part No.    |
|---|-------------|
| External battery pack                           | YRB08Z      |
| In-Use Cover (rectangular pan units)            | 6960TE03    |
| GLP Printer                                     | YDP20-OCE   |
| Power Supply 120V                               | 6971947     |
| Power Supply 220V                               | 6971948     |
| Data Transfer Interface Cable-5 ft (fits RS232) | YCC05-001M2 |
| RS232 (25-pin) to USB Connecting Cable          | YCC0-USBM2  |
| Remote Display, reflective 3 ft (fits RS232)    | YRD02Z      |

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