



# M-Power Series

Analytical balances – 0.1mg

M-Power Series



## Features

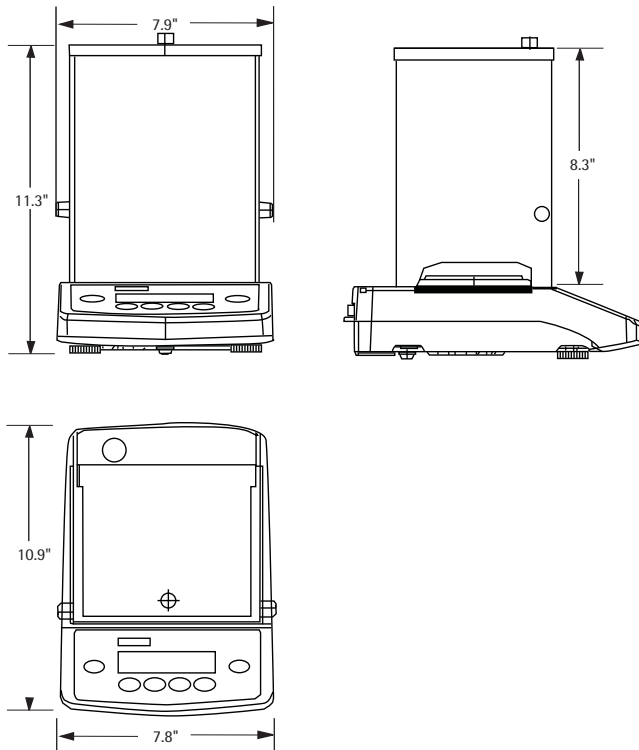
- Monolithic weighing system for fast and stable results
- All glass draft shield chamber with removable doors for easy cleaning
- High contrast LCD display
- Bi-directional RS232 interface port
- Four digital filter settings for environmental adaptation
- Three year warranty

## Applications

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

Analytical Specifications	AZ64	AZ124	AZ214
Capacity	60 g	120 g	210 g
Readability	0.0001 g	0.0001 g	0.0001 g
Linearity	± 0.0003 g	± 0.0003 g	± 0.0003 g
Repeatability	± 0.0002 g	± 0.0002 g	± 0.0002 g
Corner Load	± 0.0004 g	± 0.0004 g	± 0.0004 g
External Calibration Weight	50 g	100 g	200 g
Recommended CalPak	WCP252AC1C	WCP256AC1C	WCP258AC1C
Stabilization time (average)	3 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)	60 g	120 g	210 g
Pan Size/ Type	3.5" (90 mm) diameter pan, stainless steel		
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)
Weighing Chamber Height	8.3" (210 mm)
Dimensions (WxDxH)	7.8" x 10.9" x 11.3" (199 mm x 277 mm x 287 mm)
Net Weight (lbs/kg)	6.6 lbs (3.0 kg)
Shipping Dimensions/Weight	15.7" x 11.8" x 17.3" (400 mm x 300 mm x 440 mm) / 10.8 lbs (4.9 kg)
Battery Operation	External rechargeable battery pack
AC Power Requirements	AC adapter, 120V, +15%...-20%
Frequency	50/60 Hz
Power Consumption (avg)	1 Watt
Optional Accessories	Calibration weights, RS232/USB Interface Cable, Printer, Remote Display
Warranty	3 Year Manufacturer Warranty - Parts and Labor

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

Accessories	Part No.
External battery pack	YRB08Z
In-Use Cover (analyticals or with draft shield)	6960TE01
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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