

# MBS Series

## Precision Lab Balances

CE



- **Accuracy**– Accurate to within  $\pm 2$  divisions at full load
- **Capacity**– 300 to 6000 grams
- **Construction**– Robust plastic housing, stainless steel top plate
- **Display**– Large, clear 6 1/2 digits, 19 mm / 0.75" high 7-segment backlit LCD display
- **Draft Shield**– Supplied only with 300 g and 600 g units
- **Power**– Battery with auto off feature
- **Operator Keys**– On/Off, Count, Cal, Tare, Mode, Units
- **Platform**– 300 g and 600 g capacities:  
120 mm / 4.65" diameter x 9.5 mm / 0.4" H  
  
1200 g to 6000 g capacities:  
175 mm (W) x 175 mm (L) x 8 mm (H)  
6.9" W x 6.9" L x 0.3" H

# MBS Series Precision Lab Balances

## Features

Through Brecknell, Avery Weigh-Tronix combines years of precision weighing expertise with an economical alternative for what professionals demand from a balance.

With its fine feature set and simple functionality, the Brecknell MBS series is the sensible response to almost any application, in any market sectors requiring an accurate precision weighing solution.

This alternative to premium priced analytical balances is ideal for general laboratory, industrial and educational applications requiring multiple weighing units.

The MBS series balances offer a quality balance at an affordable price. All models come standard with robust plastic housing, batteries, and bi-directional RS-232 interface allowing communication to a PC.

External calibration



## Specifications

**Capacity:** 300 g x 0.005 g, 600 g x 0.01 g, 1200 g x 0.02 g, 3000 g x 0.05 g, 6000 g x 0.1 g

**Platform Size:** 300 g and 600 g capacities:  
120 mm / 4.65" diameter x 9.5 mm / 0.4" H

1200 g to 6000 g capacities:  
175 mm (W) x 175 mm (L) x 8 mm (H)  
6.9" W x 6.9" L x 0.3" H

**Display:** Front facing 6 1/2 digits, 19 mm / 0.75" high  
7-segment LCD display with blue backlit. Shows multiple weighing units plus Cal and low battery indicator.

**RS-232:** Bi-directional

**Keyboard:** On/Off, Count, Cal, Tare, Mode, Units

**Units:** g, oz, ozt, dwt, lb, ct, % pc

**Power:** 300-600 g units uses six AA batteries (included)  
1200-6000 g units uses eight AA batteries (included)

**Battery Life:** Approximately 15 hours

**Operating Temp:** 10° C - 35° C / 50° F - 95° F

**Packaging Dimension:**

318 mm (W) x 261 mm (D) x 140 mm (H)  
12.5" W x 10.25" D x 5.5" H

**Packaging Contents:** 300 and 600 g has weight, draft shield, manual, batteries and scale; 3000 and 6000 g has batteries, manual and scale; 1200 g has weight, batteries, manual and scale

**Shipping Weight:** 300 g and 600 g units 1.4 kg / 3.1 lb  
1200 g to 6000 g units 2.5 kg / 5.5 lb

**Certifications:** Full FCC compliance, CE, WEEE directive

**Product Code:**

300 g - 816965004881  
600 g - 816965004898  
1200 g - 816965004904  
3000 g - 816965004911  
6000 g - 816965004928



a division of Avery Weigh-Tronix, LLC

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