

**Brecknell**

## MBS Series

### Precision Lab Balances



With its value-focused analytical capabilities, the MBS Series is ideal for process control, nutrition, and education/training applications.

Simple to use, the MBS is housed in a robust ABS enclosure with stainless steel weighing platter and a high-contrast, backlit LCD display. Comes standard with RS232 port for connection to a PC for data collection.

Powered by a wall plug or AA batteries it provides up to 15 hours of battery life. Built-in lab calibration mode for added accuracy.



#### Accuracy

Within 0.004% of full load



#### 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



#### Power

12V 500mA power supply (included) or  
AA batteries (not included) with auto-off



#### Display

Large, clear 6½" digits, 120 mm x 9.5  
mm / 0.75" x 0.4" high seven segment  
backlit LCD



#### Construction

Robust plastic housing, stainless  
steel top plate



#### Operating Keys

On/Off, Count, Calibration, Tare, Mode,  
Units (g, oz, ozt, dwt, lb, ct, %, pc)

VALUE IN  
WEIGHING

# MBS Series Precision Lab Balances

## 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 (Diameter x H):  
4.65" / 120 mm x 0.4" / 9.5 mm

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

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

**Draft Shield:** Supplied only with MBS600

**COMM Port:** Bi-directional RS-232 (cable not  
included, p/n 52765-0949)

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

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

**Power:**

Comes standard with a switch mode AC adapter with  
interchange plug ends to cover UK, EU and USA  
plug requirements or AA batteries (not included)

**Battery Life:** Approximately 15 hours

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

**Packaging Dimension (L x W x H):**

318 mm x 261 mm x 140 mm  
12.5" x 10.25" x 5.5"

**Shipping Weight:**

300 g and 600 g: 1.4 kg / 3.1 lb  
1200 g to 6000 g: 2.5 kg / 5.5 lb

**Certifications:** Full FCC compliance, CE, UKCA,  
RoHS, WEEE

**Packaging Contents:** MBS600 includes a 200g test  
weight and draft shield; MBS1200 includes a 500 g  
test weight.



MBS600 without draft shield



MBS1200

STAY  
CONNECTED  
WITH US!



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