

# ESA Series

## Economical Precision Balances



- **Accuracy**– Accurate to within  $\pm 2$  division at full load
- **Capacity**– 150 to 6000 grams
- **Construction**– Robust plastic housing, stainless steel top plate
- **Display**– Large, clear 6 1/2 digits, 0.75" (19 mm) high 7-segment backlit LCD display
- **Draft Shield**– Supplied only with 150 g to 600 g units
- **Power**– AC and battery with auto off feature
- **Operator Keys**– On/Off, Count, Cal, Tare, Mode, Units
- **Platform**– 150 g to 600 g capacities:  
4.65" (120 mm) diameter x 0.4" H (9.5 mm)  
1200 g to 6000 g capacities:  
6.9" W x 6.9" L x 0.3" H  
175 mm (W) x 175 mm (L) x 8 mm (H)

# ESA Series Economical Precision Balances

## Features

Through Salter 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 Salter Brecknell ESA 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 ESA series balances offer a quality balance at an affordable price. All models come standard with robust plastic housing and an AC adapter, and bi-directional RS232 interface allowing communication to a PC.

External calibration



## Specifications

**Capacity**– 150 g x 0.005 g, 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**– 150 g to 600 g capacities:  
4.65" (120 mm) diameter x 0.4" H (9.5 mm) H  
1200 g to 6000 g capacities:  
6.9" W x 6.9" L x 0.3" H  
175 mm (W) x 175 mm (L) x 8 mm (H)

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

**RS232**– Bi-directional

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

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

**Power**– 6 VDC, 200mA output with center negative,  
UL Approved A/C adapter  
150-600 g units uses (6) AA batteries (not included)  
1200-6000 g units uses (8) AA batteries (not included)

**Battery Life**– Approximately 15 hours

**Operating Temp**– 50° F - 95° F (10° C - 35° C)

**Packaging Dimensions**– 12.5" W x 10.25" D x 5.5" H  
318 mm (W) x 261 mm (D) x 140 mm (H)

**Shipping Weight**– 150 g to 600 g units 3.1 lb (1.4 kg)  
1200 g to 6000 g units 5.5 lb (2.5 kg)

**Certifications**– Full FCC compliance, UL/CUL power adapter



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## Salter Brecknell Weighing Products

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