



Precision Analytical Instruments, Inc.  
[www.ToolsForAnalysis.com](http://www.ToolsForAnalysis.com)

# PRECISION AUTOMATIC DIFFERENTIAL BALL SCALE

*Measures the weight and balance properties of a bowling ball by weighing the ball in two different orientations (180° rotation), then displaying the difference.*

***Ideal for tournaments, high volume, & manufacturing environments***

## **Un-Drilled Balls**

- ✓ Total Weight and Top Weight.
- ✓ Verify Center of Gravity (CG)
- ✓ Measure distance from CG to pin with movable, graduated alignment arm

## **Drilled Balls**

- ✓ Measure Total, Left/Right, and Finger/Thumb weights
- ✓ Rapidly verify compliance with USBC regulations

***In EIGHT seconds...***

## **Standard Outputs**

### **LED Display**

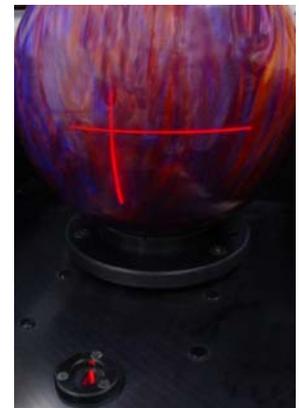
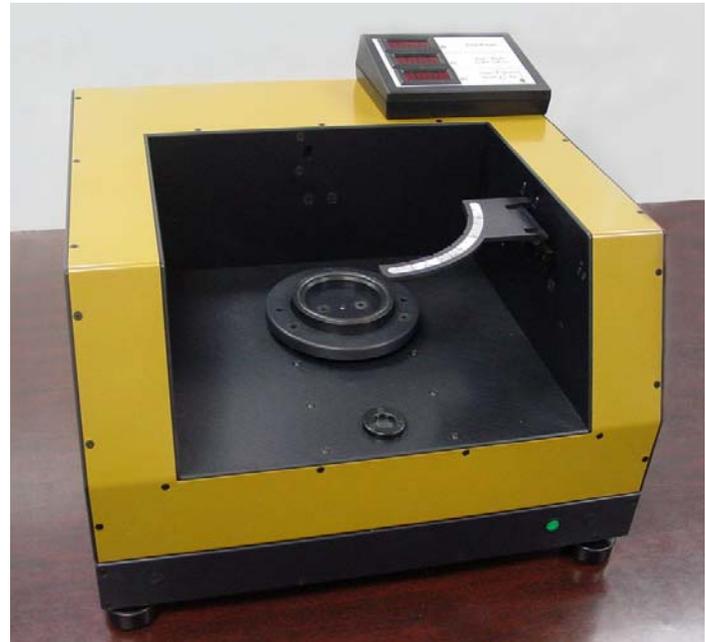
- Total Weight ( $\pm 0.01$  lbs)
- Left/Right Difference ( $\pm 0.02$  oz)
- Finger/Thumb or Bottom/Top Difference ( $\pm 0.02$  oz)

### **Analog Output Option**

- Analog outputs proportional to measured signals

### **Digital Interface Option**

- USB Computer Interface
- Remote start and signal input
- Use custom software to interface with label printers
- Input power, 110VAC or 220VAC (switchable configuration)



*Projected laser cross hairs for fast top-weight alignment*

***See a demonstration video at [www.ToolsForAnalysis.com](http://www.ToolsForAnalysis.com)***