

High-Precision Digital Carat Scale

This high-precision digital scale is designed for accurate measurements of small quantities, including diamonds and precious materials. It features a clear LCD for easy reading and multiple weighing units like g, oz, ozt, dwt, gn, and ct.



ADDITIONAL IMAGES



Overview

High-Precision Laboratory and Jewelry Weighing

The BDS-FBS series is a high-precision digital scale engineered for the meticulous measurement of diamonds, gemstones, and laboratory samples. Equipped with a high-precision sensor imported from Germany, it provides rapid stabilization within 2 to 5 seconds. Its compact design features a protective draft shield and an integrated bubble level to ensure maximum accuracy in sensitive environments.

Performance Metrics

Key Performance Indicators

0.001 g

Readability

100 g

Max Capacity

5 s

Max Stable Time

Stability & Precision

Parameter	Value
Linearity	±2s
Repeatability	±2s
Stabilization Time	2-5 seconds

Technical Specifications

Available Measurement Ranges

- 200g / 0.01g
- 300g / 0.01g
- 50g / 0.001g
- 100g / 0.001g
- 15g / 0.0001g

Supported Units

g, oz, ozt, dwt, gn, ct

Sensor Technology

High-precision sensor imported from Germany

Physical Characteristics

Product Dimensions

132.1 x 94 x 58.4 mm

Platform Diameter

68.6 mm

Display

LCD with optional backlight

Power & Maintenance

Power Supply

- 4 x AAA Batteries
- 6V 100mA Charger (not included)

Warranty

1 Year