**Product Code . DS-BAS-10049**

# Precision Balance 12000g

## Description

**Precision Balance 12000g**

**Description:**

Designed for balances offers 15 models that deliver a full breadth of precision readabilities ranging from 0.1mg to 0.1g. Innovative design enables a reduction of the balances footprint, so it occupies less space but retains the highest level of performance. A single piece of extruded aluminum forms the balance base. The aluminum provides superior thermal transfer for a more regulated temperature, while the solid core is more rigid, offering greater stability and enabling highly repeatable results. The internal mechanism is fabricated using hardened materials, helping the tolerate rigorous laboratory use. Crafted from a single block, the weighing sensor in the contains fewer parts than a traditional force motor balance. Highly efficient mechanics plus improved processing power of the electronics leads to more accurate results.

• Backlit LCD easily visible in any lighting conditions

• Color-coded keys facilitate quick recognition of the most frequently used buttons

• Selectable digital filtering helps minimize effects of vibration and disturbances

• Zero-tracking feature ensures display returns to zero reading

• Robust metal housing protects internal components environments

- Sealed keypad protects against dirt and accidental spills

- USB and RS-232 interfaces provide easy communication with computers and printers

- External calibration allows for verification and adjustment with weights

- Level indicator and adjusting feet ensure proper balance setup for optimum weighing results

- Removable draft shield on models with 0.001g readability helps to reduce errors caused by air currents

- Printouts include date and time for data tracking within Good Laboratory Practices guidelines

- AC adapter included

**Specification:**

- Type: Precision Balance

- Capacity: 12000g

- Readability: 0.1g

- Repeatability (S.D.): 0.2g

- Linearity (±): 0.4g

- Pan Size: 15.7 x 11.8" Ø / 400 x 300mm

- Units of Measurement: g, kg, ct, GN, N, lb, Oz, Ozt, dWt, and custom

- Interface: Bi-directional USB and RS-232

- Calibration: External mass. Selectable automatic calibration due to change in time or temperature.

- Display: LCD, backlit

- Housing: Extruded aluminum base

- Power Supply: 18 VDC, 800 mA adapter

- Overall Dimensions: 15.8 x 18.1 x 4.0" / 401 x 460 x 102mm

- Net Weight: 7.3kg