Sierra/Himalaya Series
Precision Laboratory Balances

The combination of high accuracy and low price makes the Sierra and Himalaya series of Setra precision balances an exceptional value. The clean, contemporary lines, fine workmanship and durable construction are designed to provide years of reliable service.

Each SI and HI balance is designed for ease of operation and calibration. Standard features include an easy-to-read bubble level to insure the best possible accuracy, a large, bright, LED display with a rapid update rate for filling, an indicator to confirm a stable reading, bidirectional RS-232 communications, rugged die-cast aluminum housing, chemically resistant keypad, stainless steel weighing pan and a transparent plastic dust cover. 200 gram and 400 gram capacity balances are provided with a cylindrical glass draftshield.

All Setra’s balances employ patented and award-winning variable capacitance sensing technology. This technology requires few parts, allowing the balances to maintain a low profile and remain structurally streamlined both inside and out, providing you with better reliability at a lower price. Each balance is covered by a no-nonsense three year warranty that includes replacement parts and labor.

Call Setra for the name of a local authorized dealer who can assist you in selecting the right balance for your application or visit our website at www.setra.com/wei/dealersearch.htm.
The Himalaya Series of single range balances combines versatility with very high readability. The six button key-
board affords great flexibility by allowing a choice of several weighing modes. In addition to measurements in units of
grams, ounces and carats, each HI balance can display weight as a percentage for use in checkweighing and as grams per second to monitor flow rates. A user defined unit can be programmed for any unit of measure, such as ml for measuring volume and $ for measuring value. The MODE key may be used to select either a fast or slow display update rate. This key can also be used to lock in a displayed weight, a feature which is useful in continuous weighing applications. The PRINT key may be set to transmit data immediately, continuously, or at selected time intervals.

The Sierra Series of gram weighing balances includes four single range models, the SI-200S, SI-410S, SI-2000S, and SI-4100S as well as two dual range models, the SI-410D and SI-4100D. The dual range balances automatically display the maximum resolution whenever the balance is tared, regardless of how much weight is zeroed out. For instance, the 0.001g resolution of the SI-410D is available up to 100 grams even when taring objects that weigh close to the balance’s rated capacity. The MODE key can be used to perform a variety of functions such as performing a simple span calibration or activating a unique hold feature that can lock in a displayed weight. The MODE key can also initiate data transfer to a printer or computer. Data transmission can be instantaneous, continuous or intermittent.

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**Optional Equipment/Accessories**

- **Dymo™ Labelwriter SE300 Thermal Printer**
  - Dymo™ Labelwriter SE300 Thermal Printer - P/N 401160
    (Uses Roll Paper, 1.25” and 4” Labels)
- Dust Cover - P/N 407902CC
- 3-Door Drafshield - P/N 407913R

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**Capacity (g)** | 410 | 4100 | 200 | 410 | 2000 | 4100 | 100/410 | 1000/4100
**Readability (g)** | .001 | .01 | .001 | .001 | .01 | .01 | .001/.01 | .01/.1
**Repeatability (g)** | ±.001 | ±.01 | ±.001 | ±.001 | ±.01 | ±.01 | ±.001/01 | ±.01/.1
**Linearity (g)** | ±.002 | ±.02 | ±.002 | ±.002 | ±.02 | ±.02 | ±.002/01 | ±.01/.1
**Keyboard** | six key | six key | two key | two key | two key | two key | two key | two key
**Pan Size** | 4.75” dia. | 6.25” dia. | 4.75” dia. | 4.75” dia. | 6.25” dia. | 6.25” dia. | 4.75” dia. | 6.25” dia.
**Drafshield** | standard | N/A | standard | standard | N/A | N/A | standard | N/A
**Security Lock Kit** | option | option | option | option | option | option | option | option
**Size WxDxH (in.)** | 7.5x11x6 | 7.5x11x2.5 | 7.5x11x6 | 7.5x11x6 | 7.5x11x2.5 | 7.5x11x2.5 | 7.5x11x6 | 7.5x11x2.5
**Weighing mides** | g, oz, ct, %, user unit, user unit/sec | grams | grams | grams | grams | grams | grams
**Interface** | Bidirectional RS-232 (standard on all models)
**Display** | 0.5” LED (all models)
**Power** | 7.5 VDC (120 VAC, 60Hz adaptor provided)