

Himalaya/Sierra Series Precision Laboratory Balances



The combination of high accuracy and low price makes the Himalaya and Sierra 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 HI and SI 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 balances employ our 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.

Features

- High Accuracy
- High Resolution
- Plug and Play
- Bi-directional RS232 Communications
- LED Display with Rapid Update
- Rugged Die-cast Aluminum Housing

Options

- 220 VAC 50 Hz Adapter (European Continental)
- Security Lock Kit
- DYMO Labelwriter Setra 300 Printer
- 3 Door Draftshield

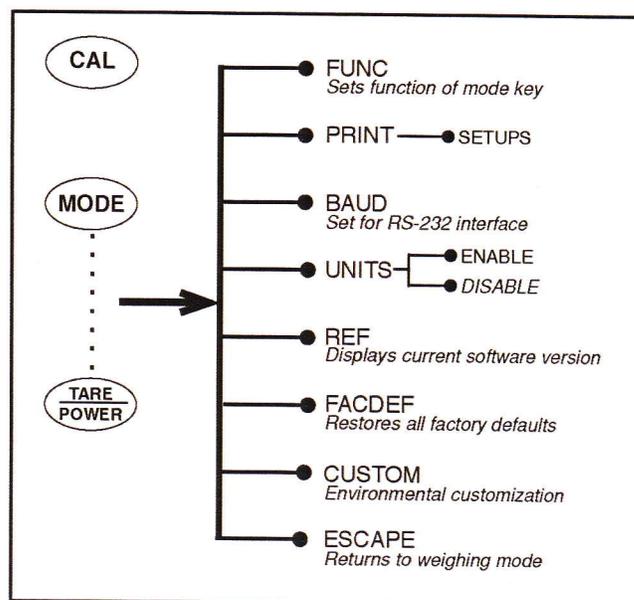
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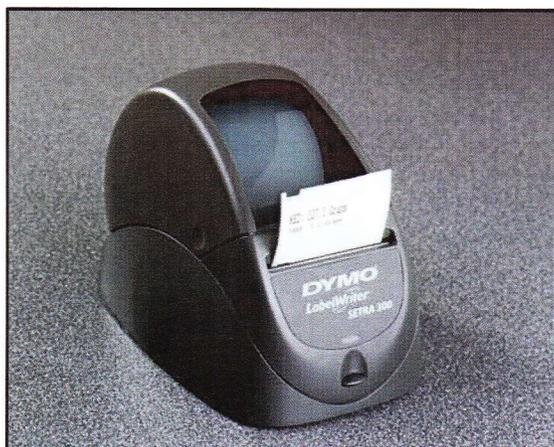


HI/SI Series Specifications

The **Himalaya Series** of single range balances combines versatility with very high readability. The six button keyboard affords great flexibility by allowing a choice of several weighing modes. In addition to measurements such as grams, ounces and carats, each HI balance can display weight as a percent 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. Each balance has a mode key that 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 instantaneously, continuously or at selected time intervals.



HI Series Menu Structure



Dymo™ Labelwriter SE300 Thermal Printer

Optional Equipment/Accessories

- 220 VAC 50 HZ Adapter (European Continental) - PN407713
- Security Lock Kit (Lock not included) - PN407900
- Dymo™ Labelwriter SE300 Thermal Printer - PN401106
- 3-Door Draftshield - PN407912

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. A special mode key can be used to perform a variety of functions such as conducting a simple span calibration or activating a unique hold feature that can lock in a displayed weight. This key can also initiate data transfer to a printer or computer. Data transmission can be instantaneous, continuous or intermittent.

| Model ▶ | HI-410S | HI-4100S | SI-200S | SI-410S | SI-2000S | SI-4100S | SI-410D | SI-4100D |
|-------------------|-----------------------------------------------|----------------|--------------|--------------|----------------|----------------|--------------|----------------|
| 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 | ± .02/.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. |
| Draftshield | 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.) | 7.5 x 11x6 | 7.5 x 11 x 2.5 | 7.5 x 11 x 6 | 7.5 x 11 x 6 | 7.5 x 11 x 2.5 | 7.5 x 11 x 2.5 | 7.5 x 11 x 6 | 7.5 x 11 x 2.5 |
| Weighing Modes | g, oz, ct, %, user unit, user unit/sec | | grams | grams | grams | grams | grams | grams |
| Interface | Bidirectional RS-232 (standard on all models) | | | | | | | |
| Display | 0.57" LED (all models) | | | | | | | |
| Power | 7.2 VDC (120 VAC, 60Hz adaptor provided) | | | | | | | |

Specifications subject to change without notice.