

# 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](http://www.setra.com/wei/dealersearch.htm).

## Features

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

## Options

- 220 VAC 50 Hz Adapter (European Continental)
- DYMO Labelwriter Setra SE300 Printer
- 3-Door Draftshield



Visit Setra Online:  
<http://www.setra.com>

**setra**

**800-257-3872**

## Optional Equipment/Accessories

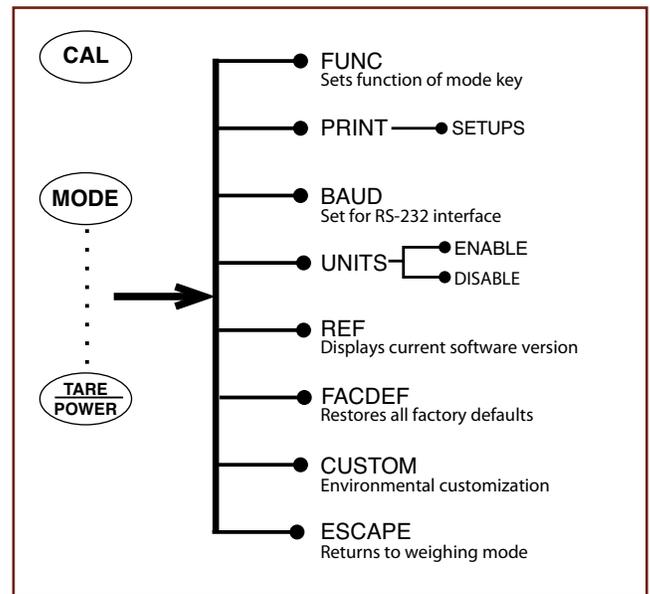
The Himalaya Series of single range balances combines versatility with very high readability. The six button keyboard affords great flexibility by allowing a choice of several weighing modes. In addition to measurements in units of grams, ounces and carats, each HI balance can display weight as a percentage 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.



Dymo™ Labelwriter SE300  
Thermal Printer

### Optional Equipment/Accessories

- 220 VAC 50 HZ Adapter(European Continental) - P/N 407713
- Dymo™ Labelwriter SE300 Thermal Printer - P/N 401160  
(Uses Roll Paper, 1.25" and 4" Labels)
- Dust Cover - P/N 407902CC
- 3-Door Draftshield - P/N 407913R



HI Series Menu Structure

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.

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	±.01/.1
Keyboard	six key	six 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.)	7.5x11x6	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	0.57" LED (all models)							
Power	7.5 VDC (120 VAC, 60Hz adaptor provided)							



Setra also manufactures a broad line of lab balances, pressure transducers, accelerometers, and digital pressure systems.

SETRA SYSTEMS, INC., WEIGHING SYSTEMS DIVISION 159 Swanson Rd., Boxborough, MA 01719  
Email: scale.sales@setra.com Website: <http://www.setra.com> Tel: (978) 263-1400, 1-800-25-SETRA Fax: (978) 635-9551

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