



Precision Balances

SP Series

Computer generated finite element analysis is utilized in tandem with CAD in designing this series which has less parts, decreased weight, and increased ruggedness while enhancing performance.



The SP Series is able to weigh from 150 to 1500 grams with a featherweight resolution of 1 mg and speedily displays results on an easy to use control panel. The first and only 1500 gram balance with a 1 mg readability, the SP 1500 is unequalled. The SP 150 also boasts a long list of standard features including a circular windscreen, as do all SP models.

- Automatic Calibration programs
- Automatic Zero tracking
- Built-in Security bracket
- Auto system checkout sequencing
- Exclusive ATC software
- Multiple Units of Measure
- RS232 Interface
- Stability Indicator
- Capacity Tracker
- μ Processor Control
- Parts Counting
- Selectable Filtering
- GLP/GMP/ISO Compatible
- Live Animal Weighing
- % Weighing
- Check Weighing
- Below Balance Weighing

Ordering Information

ITEM	SP 150	SP 250	SP 350	SP 500	SP 1500	SP 404D	SP 510D	SP 2050D
WEIGHING MODE	Single	Single	Single	Single	Single	Dual [Floating Tare(TM)]	Dual [Floating Tare(TM)]	Dual [Floating Tare(TM)]
READABILITY	.001g	.001g	.001g	.001g	.001g	.001g/.01g	.001g/.01g	.001g/.01g
TARE RANGE	0 to 150g	0 to 250g	0 to 350g	0 to 500g	0 to 1500g	0 to 400g	0 to 500g	0 to 2000g
REPEATABILITY(STD. DEV.)	.001g	.001g	.001g	.001g	.001g	.001g/.005g	.001g/.005g	.001g/.005g
LINEARITY	\pm .0015g	\pm .0015g	\pm .0015g	\pm .0015g	\pm .0015g	\pm .0015/ \pm .005g	\pm .0015/ \pm .005g	\pm .0015/ \pm .005g
STABILIZATION TIME	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec
WEIGHING SPEED	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive
UPDATE INTERVAL	300 ms	300 ms	300 ms	300 ms	300 ms	300 ms	300 ms	300 ms
PAN SIZE (DIA.)	4.5"	4.5"	4.5"	4.5"	4.5"	4.5"	4.5"	4.5"
POWER SUPPLY	115V	115V	115V	115V	115V	115V	115V	115V
CALIBRATION WEIGHT	100g	200g	200g	200g	1000g	200g	200g	1000g
WEIGHT	13 lb	13 lb	13 lb	13 lb	13 lb	13 lb	13 lb	13 lb