



Laboratory Balances

SL 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 SL Series have an impressive span of 400 to 6000 grams and still measure the touch of a single feather down to 0.01 gram. With two different sized weighing platforms, these laboratory balances can also be configured to handle your specific weighing environment.

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

Ordering Information

ITEM	SL 400	SL 600	SL 1000	SL 2000	SL 3000	SL 5000	SL 6000	SL 3100D	SL 5200D
WEIGHING MODE	Single	Single	Single	Single	Single	Single	Single	Dual [Floating Tare]	Dual [Floating Tare]
CAPACITY	400g	600g	1000g	2000g	3000g	5000g	6000g	1000g/3000g	2000g/5000g
READABILITY	.01g	.01g	.01g	.01g	.01g	.01g	.01g	.01g .1g	.01g .1g
TARE RANGE	0 to 400g	0 to 600g	0 to 1000g	0 to 2000g	0 to 3000g	0 to 5000g	0 to 6000g	0 to 3000g	0 to 5000g
REPEATABILITY (STD.DEV)	.01g	.01g	.01g	.01g	.01g	.01g	.01g	.01g/.05g	.01g/.05g
LINEARITY	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g$	$\pm 0.015g/\pm 0.05g$	$\pm 0.015g/\pm 0.05g$
STABILIZATION TIME	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec	~3sec
WEIGHING SPEED	Adaptive	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	300 ms
PAN SIZE (DIA.)	4.5"	4.5"	4.5"	4.5"	6.5"	6.5"	6.5"	6.5"	6.5"
POWER SUPPLY	115V	115V	115V	115V	115V	115V	115V	115V	115V
WINDSCREEN	optional	optional	optional	optional	optional	optional	optional	optional	optional
CALIBRATION WEIGHT	200g	500g	500g	1000g	2000g	2000g	5000g	2000g	2000g
WEIGHT	12 lb	12 lb	12 lb	12 lb	12 lb	12 lb	12 lb	12 lb	12 lb