

**OHAUS
Dial Type Spring Scales
8011**



**OHAUS
Pull Type Spring Scales
8001**



Mechanical Spring Scale

The Ohaus Dial-Type Spring Scale offers a versatile and inexpensive way to display measurements for a variety of materials in classrooms to laboratories.

Mechanical Spring Scale

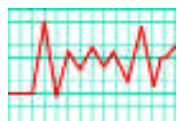
The Ohaus Pull-Type Spring Scale offers a versatile and inexpensive way to display measurements for a variety of materials in classrooms to laboratories.

Ordering Information

ITEM	DESCRIPTION
8011-MA	250g x 2g, 9oz x 1/8oz
8011-MN	250g x 2g, and 2.5N x 0.02N
8012-MA	500g x 5g, 18oz x 1/4oz
8012-MN	500g x 5g, and 5N x 0.05N
8013-MN	1000g x 10g, and 10N x 0.2N
8014-MA	2000g x 10g, 72oz x 1/2oz
8014-MN	2000g x 10g, and 20N x 0.25N
8015-00	Demonstration Dial 20 hg x 1/2 hg
8016-00	Demonstration Dial 20 N x 1/2 N
8018-50	Demonstration Dial 50 N x 2 N

Ordering Information

ITEM	DESCRIPTION
8001-MA	250g x 10g, 9oz x 1/4oz
8001-MN	250g x 10g, and 2.5N x 0.1N
8001-PN	.56 lb x .02 lb, 2.5N x 0.1N
8002-MA	500g x 20g, 18 oz x 1/2 oz
8002-MN	500g x 20g, and 5 N x 0.2 N
8002-PN	1.12 lb x .04 lb, 5 N x 0.2 N
8003-MN	1000g x 25g, and 10 N x 0.25 N
8003-PN	2.25 lb x .05 lb, 10 N x 0.25 N
8004-MA	2000 g x 50 g, 72 oz x 2 oz
8004-MN	2000 g x 50 g, and 20 N x 0.5 N
8004-PN	4.5 lb x 1 lb, 20 N x 0.5 N
8008-MN	5000g x 100g, and 50 N x 1 N
8008-PN	11.25 lb x .25 lb, 50 N x 1 N
8261-MO	100 g x 1 g
8262-MO	200 g x 2 g
8263-MO	500 g x 5 g
8264-MO	1000 g x 10 g
8265-MO	2000 g x 20 g



OHAUS Triple Beam Balances Dial-O-Gram Balances

- The classic mechanical balance.
- Engineered with Ohaus precision and durability
- Choice of five weighing platforms to fit any application; classroom experiments, ink mixing, animal weighing and reagent preparation.

Standard Features: Notched and tiered beams for ease in reading, positive poise positioning for repeatability, specific gravity weighing, magnetically damped, zero adjust compensator, choice of 5 weighing platforms.

Optional Accessories: Specific gravity rod and clamps, vinyl dust cover, attachment mass set, stainless steel scoop with foot, polypropylene scoop with foot, polypropylene scoop with foot and counterweight for balances without tare, stainless steel scoop with foot and counterweight for balances without tare.

Industry Leading Warranty: All Ohaus Triple Beam and Dial-O-Gram® Balances are protected by a 5 year warranty on labor and parts. Our rugged construction and stringent quality control have been hallmarks of Ohaus scales and balances since 1907.



Specifications: Triple Beam Balances

	710-00	710-TO
Pan	Stainless Steel (Removable)	
Platform Dia. x D. (in/cm)	6 x .8 / 15.2 x 1.9	
	720-00	
Scoop	Polypropylene	
L x W x D (in/cm)	12 x 6 x 2.75 / 30.5 x 15.2 x 7	
	720-SO	
Scoop	Stainless Steel	
L x W x D (in/cm)	12 x 6 x 2.75 / 30.5 x 15.2 x 7	
	730-00	
Animal Box	Aluminum	
Dia. x H (in/cm)	9 x 6 / 22.9 x 15.2	
	750-SO	760-00
Plate	Stainless Steel	Stainless Steel
Platform Dia. (in/cm)	6 in. / 15.2 cm	6 in. / 15.2 cm

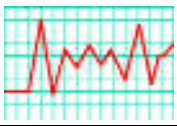
Specifications: Dial-O-Gram Balances

	1610-00	1650-00	1650-WO
Pan	Stainless Steel (Removable)		
Platform Dia. x D. (in/cm)	6 x .8 / 15.2 x 1.9		
	1650-00		
Plate	Stainless Steel		
Platform Dia. (in/cm)	6 in. / 15.2 cm		

Ordering Information

ITEM	DESCRIPTION
710-00	Triple Beam, 610g x 0.1g, SS Pan
710-TO	Triple Beam, 610g x 0.1g, SS Pan, tare
720-00	Triple Beam, 610g x 0.1g, poly scoop
720-SO	Triple Beam, 610g x 0.1g, SS scoop
730-00	Triple Beam, 610g x 0.1g, animal container
750-SO	Triple Beam, 610g x 0.1g, SS plate
750-SW	Triple Beam, 2610g x 0.1g, SS plate attachment masses
760-00	Triple Beam, 610g x 0.1g, SS plate, tare
1610-00	Dial-O-Gram® Balance, 610g x 0.1g, SS pan, tare
1650-00	Dial-O-Gram® Balance, 610g x 0.1g, SS plate, tare
1650-WO	Dial-O-Gram® Balance, 2610g x 0.1g, SS plate, tare, with attachment masses





OHAUS Electronic Balances

- Portable
- Scout Series
- Precision



- Affordable, superior performance from the market leader
- Large, high contrast LCD display for great visibility
- Quick and easy to use with large weighing pan and simple two button operation
- Customized performance with multiple weighing units, parts counting and battery operation

Standard Features: Large, high contrast LCD display, large stainless steel weighing surface, low profile, ergonomic design, integral security bracket, auto shut-off (user enabled/disabled), weigh below hook, sealed front panel and molded spill ring, stability indicator, error indicator for over/under loads, low battery indicator, span calibration mass.

Optional Accessories: Security device, carrying case, linearity calibration masses, scoops.

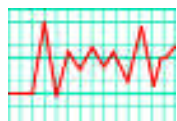
Industry Leading Warranty: All Ohaus Scout Balances are protected by a 5 year warranty on labor and parts. Our rugged construction and stringent quality control have been hallmarks of Ohaus scales and balances since 1907.

Ordering Information

ITEM	DESCRIPTION
SC2020	200g x 0.01g
SC4010	400g X 0.1g
SC6010	600g X 0.1g

Specifications

	SC2020	SC4010	SC6010
Capacity (g)	200	400	600
Readability (g)	0.01	0.1	0.1
Weighing modes	g, oz, oz t, dwt, parts counting		
Repeatability (Std.dev.) (g)	0.01	0.1	0.1
Linearity (g)	±0.01	±0.1	±0.1
Tare range	To capacity by subtraction		
Over range capacity	103%		
Stabilization time (seconds)	3		
Operating temperature range	50° to 104°F/10° to 40°C		
Calibration	Auto calibration		
Power requirements	100, 120, 220, 240 V ac, 50/60 Hz Adaptor (supplied) or one 9V battery (not included)		
Display (in/cm)	LCD (0.7/1.8 high)		
Pan size (in/cm)	4/10.2 dia	5x5.75/	5x5.75/
		12.7x14.6	12.7x14.6
Dimensions	6.75x2.4x8.25/17.1x6.1x21		
Net weight (lb/kg)	1.5/0.7	1.8/0.8	1.8/0.8
Shipping weight (lb/kg)	3.2/1.5	3.5/1.6	3.7/1.7



OHAUS Portable Electronic Balances

Finally, all the power of a laboratory balance in a portable unit. The Ohaus Navigator™ offers lab balance functions like animal weighing, parts counting, check-weighing and more, at a fraction of the price. Setup is simple with 4 cursor keys, straightforward menus, and prompts that easily guide you through the process. Designed with contours for easy cleaning, Navigator has a sealed front panel and a spill gutter to direct liquids off the balance. Plug in the Navigator with the supplied AC adapter or be mobile with standard alkaline batteries.

Standard Features: RS232 bidirectional interface, auto shut off, weigh below, integral security bracket, rugged composite housing, sealed front panel, stainless steel pans, tactile feedback switches, user selectable stability levels and filters, stability indicator, menu and calibration lock-out switch.

Optional Accessories: Calibration masses, cables, printer, carrying case, security device, scoops.

Industry Leading Warranty: All Ohaus Navigator balances are protected by a 5 year warranty on labor and parts. Our rugged construction and stringent quality control have been hallmarks of Ohaus scales and balances since 1907.



Specifications

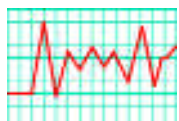
	NV-210	NV-810
Capacity (g)	210	810
Readability (g)	0.01	0.1
Repeatability (Std.dev.) (g)	0.01	0.1
Linearity (g)(±)	0.01	0.1
Units/Modes	g, mg, kg, oz t, lb, GN, N, oz, tael(s) (3), dwt, ct, ti, m, custom	
Stabilization time	3 seconds	
Operating temperature range	50° to 104°F/10° to 40°C	
Power requirements	AC Adapter(supplied) or 8-AA alkaline batteries(not included)	
Calibration	External calibration mass (not included) or InCal™	
Display (WxH) (in/mm)	LCD, 3.75 x 1.97/95 x 50	
	6-13 segment alphanumeric, 6-7 segment numeric	
Pan size (in/cm)	4.75/12 dia.	5.5 x 6/14 x 15
Dimensions (WxHxD) (in/cm)	7.25 x 2.25 x 10.5/18.4 x 5.7 x 27	

	NV-2100	NV-8100
Capacity (g)	2100	8100
Readability (g)	0.1	0.5
Repeatability (Std.dev.) (g)	0.1	0.5
Linearity (g)(±)	0.1	0.5
Units/Modes	g, mg, kg, oz t, lb, GN, N, oz, tael(s) (3), dwt, ct, ti, m, custom	
Stabilization time	3 seconds	
Operating temperature range	50° to 104°F/10° to 40°C	
Power requirements	AC Adapter(supplied) or 8-AA alkaline batteries(not included)	
Calibration	External calibration mass (not included) or InCal™	
Display (WxH) (in/mm)	LCD, 3.75 x 1.97/95 x 50	
	6-13 segment alphanumeric, 6-7 segment numeric	
Pan size (in/cm)	5.5 x 6/14 x 15	5.5 x 6/14 x 15
Dimensions (WxHxD) (in/cm)	7.25 x 2.25 x 10.5/18.4 x 5.7 x 27	

Ordering Information

ITEM	DESCRIPTION
N02120	NV-210 210g w/o InCal
N12120	NV-210 210g w/ InCal
N08110	NV-810 810g w/o InCal
N18110	NV-810 810g w/ InCal
N0B110	NV-2100 2100g w/o InCal
N1B110	NV-2100 2100g w/ InCal
N0H110	NV-8100 8100g w/o InCal
N1H110	NV-8100 8100g w/ InCal





High Capacity Balance SG 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 SG Series is a high capacity family of balances sporting flat, rectangular pans as standard equipment. Easily handling up to 12,000 grams with a feather touch of 0.1 grams, this species is an accurate, feature-rich line perfect for any high capacity application.

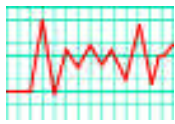


- Automatic Calibration programs
- RS232 Interface
- Automatic Zero tracking
- Stability Indicator
- Built-in Security bracket
- Capacity Tracker
- Auto system checkout sequencing
- μ Processor Control
- Exclusive ATC software

- Parts Counting
- Multiple Units of Measure
- Selectable Filtering
- GLP/GMP/ISO Compatible
- Live Animal Weighing
- % Weighing
- Check Weighing
- Below Balance Weighing

Ordering Information

ITEM	SG 3000	SG 5000	SG 8000	SG 12000
WEIGHING MODE	Single	Single	Single	Single
CAPACITY	3000g	5000g	8000g	12000g
READABILITY	.1g	.1g	.1g	.1g
TARE RANGE	0 to 3000g	0 to 5000g	0 to 8000g	0 to 12000g
REPEATABILITY (STD. DEV.)	.1g	.1g	.1g	.1g
LINEARITY	\pm .1g	\pm .1g	\pm .15g	\pm .15g
STABILIZATION TIME	~3sec	~3sec	~3sec	~3sec
WEIGHING SPEED	Adaptive	Adaptive	Adaptive	Adaptive
UPDATE INTERVAL	300 ms	300 ms	300 ms	300 ms
POWER SUPPLY	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz
WINDSCREEN	Not Available	Not Available	Not Available	Not Available
CALIBRATION WEIGHT	2 kg	2 kg	5 kg	5 kg
WEIGHT	12 lb	12 lb	12 lb	12 lb



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.

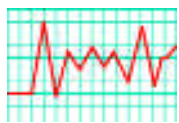
- Automatic Calibration programs
- RS232 Interface
- Automatic Zero tracking
- Stability Indicator
- Built-in Security bracket
- Capacity Tracker
- Auto system checkout sequencing
- μ Processor Control

- 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





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

Analytical Balances

SA 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.



All SA Series Analytical Balances have 0.0001g readabilities, and are μ Processor controlled with an exclusive real time temp. compensation algorithm. This revolutionary internal software yields accurate, reproducible results without the need to recalibrate your balance as the ambient temperature varies.

Analytical weighing demands a high standard of accuracy. Weights from 80 to 510 grams with 0.1mg resolutions are displayed promptly, clearly, and reliably. The SA 510 reigns over this analytical series as the first 510g balance with a 0.1 mg readability. This makes it the unrivaled heavyweight of all analyticals. The SA 80 is the workhorse of this series, and is perfect for the value conscious user who wants ultra-featherweight readability for a lightweight price.

- 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	SA 80	SA 120	SA 210	SA 310	SA 510	SA 210D	SA 525D
WEIGHING MODE	Single	Single	Single	Single	Single	Dual [Floating Tare(TM)]	Dual [Floating Tare(TM)]
CAPACITY	80g	120g	210g	310g	510g	100g/200g	250g/500g
READABILITY	.0001g	.0001g	.0001g	.0001g	.0001g	.0001g/.001g	.0001g/.001g
TARE RANGE	0-80g	0-120g	0-210g	0-310g	0-510g	0-200g/0-200g	0-500g/0-500g
REPEATABILITY (STD. DEV.)	.0001g	.0001g	.0001g	.00015g	.0002g	.0001g/.0005g	.0002g/.0005g
LINEARITY	\pm .0002g	\pm .0002g	\pm .0002g	\pm .0002g	\pm .0002g	\pm .0002g/ \pm .0005g	\pm .0002g/ \pm .0005g
STABILIZATION TIME	~3sec	~3sec	~3sec	~5sec	~5sec	~3sec	~5sec
WEIGHING SPEED	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive	Adaptive
UPDATE INTERVAL	300 ms	300 ms	300 ms	300 ms	300 ms	300 ms	300 ms
PAN SIZE (DIA.)	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
POWER SUPPLY	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz
CALIBRATION WEIGHT	50g	100g	100g	200g	500g	100g	200g
WEIGHT	18 lb	18 lb	18 lb	18 lb	18 lb	18 lb	18 lb