

Maintain Your Balance

The right **balance** ensures
quick and accurate readings



Toploading
Pages 5–13



Analytical
Pages 14–20



Industrial
Pages 24–30

2015 Balance Sourcebook

Expert product
assistance

Polo, Application Specialist

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ColeParmer.ca

Keeping you in **Balance** Since 1955

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85

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4

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fluid handling and analysis

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Choose the Right Balance for You

OHAUS® Scout® Pro Portable Balances

Easy two-button operation

- Excellent shock resistance and overload protection
- Parts counting with auto optimization, % weighing, totalization, and display hold
- Software lock switch and integrated transport lock
- RS-232 and USB interfaces are easy to install



What's included: weigh-below hook, AC adapter, calibration mass (200-, 400- and 600-g models).



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, oz, lb, lb:oz, t, dwt

Power: four AA batteries (not included); 115 or 230 VAC (adapter included)

Capacity	Readability	Repeatability	Linearity	Pan size	115 VAC		230 VAC				
					Cat. no.	Price	Cat.no.	Price			
200 g	0.01 g	±0.01 g	±0.01 g	4¾" dia (12.1 cm)	BS-11010-50		BS-11010-51				
400 g					BS-11010-52		BS-11010-53				
400 g					0.1 g	±0.1 g	±0.1 g	BS-11010-54		BS-11010-56	
600 g					0.01 g	±0.01 g	±0.01 g	BS-11010-69		BS-11010-70	
600 g					0.1 g	±0.1 g	±0.1 g	BS-11010-57		BS-11010-58	
2000 g	0.1 g	±0.1 g	±0.1 g	5½" x 6½" (14 x 16.5 cm)	BS-11010-59		BS-11010-60				
4000 g					BS-11010-61		BS-11010-63				
6000 g					BS-11010-71		BS-11010-72				
6000 g					BS-11010-64		BS-11010-65				
6000 g	1 g	±1 g	±1 g								

A&D Newton EJ Portable Balances

Get flexibility and speed—fast one-second response

- Specific gravity, percentage weighing, and parts counting functions
- Comparator function gives a visual reference against a set target weight
- Customize your balance using the configurable key mode
- USB and RS-232 interfaces for connectivity to a printer or computer



What's included: 120 VAC power adapter with plug.



Specifications

Calibration: external, with calibration mass

Weighing units: g, ct, oz, %, d, pcs, N, dwt, gn, oz t, tl, t, tical

Power: four AA alkaline batteries (not included); 120 VAC adapter (included)

Capacity	Readability	Repeatability	Linearity	Pan size	Catalog number	Price
310 g	0.001 g	±0.003 g	±0.003 g	4¼" dia (10.8 cm)	BS-11115-97†	
120 g	0.01 g	±0.01 g	±0.01 g		BS-11109-61	
210 g					BS-11109-62	
120 g	0.001 g	±0.003 g	±0.003 g		BS-11115-96†	
310 g	0.01 g	±0.01 g	±0.02 g		BS-11109-63	
410 g					BS-11109-64	
610 g					BS-11109-65	
1500 g	0.1 g	±0.1 g	±0.1 g	5½" x 5" (13.9 x 12.7 cm)	BS-11109-66	
2100 g					BS-11109-67	
3100 g			±0.2 g		BS-11109-68	
4100 g					BS-11109-69	
6100 g					BS-11109-70	

†Draft shield included

For accessories and other options, go to ColeParmer.ca

Portable

- Take measurements in a lab or in the field
- Typically powered by battery with power adapter included
- Determine mass up to 6000 grams with zero to three decimal places

Pages 3–4

Toploading

- Ideal choice for general laboratory weighing
- Readability from zero to three decimal places
- Weigh items up to 64 kilograms

Pages 5–13

Analytical

- Superior readability for greater accuracy
- Display mass with four to five decimal places
- Accommodate weights up to 520 grams

Pages 14–20

Moisture

- Determine loss on drying (LOD) or moisture content in a sample—simply take original weight and subtract dry weight
- Typical sample capacities up to 50 grams with readability to three decimal places

Pages 21–23

Industrial

- Includes portion control, counting, and higher capacity scales
- Ideal for general weighing of larger items
- Weigh up to 300 kilograms with readability to two decimal places

Pages 24–30

Take your basic weighing needs—anywhere!

Adam® Portable and Handheld Balances

Dune™ Handheld Balances

- Easy-to-use, three-button functionality fits in your hand
- Prevent damage with advanced overload protection
- View weight in g, oz, or lb
- Choose between battery or 115 VAC operation (adapter included)



Capacity	Readability	Repeatability	Linearity	Pan size	Catalog number	Price
200 g	0.1 g	±0.1 g	±0.2 g	5 3/4" x 5 3/4" (14.5 x 14.5 cm)	BS-11711-97	
2000 g	1 g	±1 g	±2 g		BS-11711-98	
5000 g	2 g	±2 g	±4 g		BS-11711-99	



Core™ Portable Balances

- View readings easily with backlit, 1/2"-high display
- Weigh in g, ct, oz, dwt, kg†, or lb†
- Choose between battery or AC operation (adapter included)



Capacity	Readability	Repeatability	Linearity	Pan size	115 VAC		230 VAC	
					Cat. no.	Price	Cat. no.	Price
200 g	0.01 g	±0.01 g	±0.02 g	4 1/2" dia (11.4 cm)	BS-11712-00		BS-11712-07	
250 g	0.1 g	±0.1 g	±0.1 g		BS-11712-01		BS-11712-08	
600 g	0.1 g	±0.1 g	±0.1 g		BS-11712-02		BS-11712-09	
1500 g	0.1 g	±0.1 g	±0.2 g		BS-11712-03		BS-11712-10	
2600 g	0.1 g	±0.1 g	±0.2 g	5 1/2" dia (14.0 cm)	BS-11712-04		BS-11712-11	
2000 g	1 g	±1 g	±2 g		BS-11712-05		BS-11712-12	
5000 g	1 g	±1 g	±2 g		BS-11712-06		BS-11712-13	

†On 1500-g capacity models and higher.



Highland™ Portable Precision Balances

- No need to replace batteries—rechargeable internal battery
- Get better accuracy with included draft shield
- Stack balances for easier transport
- Weigh in g, ct, lb, oz, d, gn, ozt, dwt, momme, tael (3), or Newtons



Capacity	Readability	Repeatability	Linearity	Pan size	115 VAC		230 VAC	
					Cat. no.	Price	Cat. no.	Price
120 g	0.001 g	±0.003 g	±0.003 g	4 1/2" dia (11.4 cm)	BS-11712-14		BS-11712-22	
150 g	0.005 g	±0.005 g	±0.01 g		BS-11712-15		BS-11712-23	
300 g	0.01 g	±0.01 g	±0.02 g		BS-11712-16		BS-11712-24	
600 g	0.01 g	±0.01 g	±0.02 g		BS-11712-17		BS-11712-25	
600 g	0.02 g	±0.02 g	±0.04 g	4 1/2" dia (11.4 cm)	BS-11712-18		BS-11712-26	
1000 g	0.01 g	±0.02 g	±0.02 g		BS-11712-19		BS-11712-27	
1500 g	0.05 g	±0.05 g	±0.1 g		BS-11712-20		BS-11712-28	
3000 g	0.1 g	±0.1 g	±0.2 g		BS-11712-21		BS-11712-29	



Cole-Parmer® Symmetry® EC Toploading Balances

Popular weighing features at an economical cost

- Internal rechargeable battery for portability and convenience
- RS-232 interface allows for communication with a printer
- Print function for GLP compliance
- Capacity tracker warns of approaching overloads
- Security lock-down port

NEW
Expanded

What's included: draft shield, built-in rechargeable battery, and AC power adapter.



Symmetry®

Toploading

Specifications

Calibration: external, with calibration mass

Power: AC adapter (included) or internal rechargeable battery

Weighing units: g, lb^t, oz, ct, dr, ozt, gn, N, tl T, tl H, tl S, custom

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	120 VAC		230 VAC	
					Cat. no.	Price	Cat. no.	Price
100 g	0.001 g	±0.002 g	±0.003 g	4 3/4" (12.0 cm)	BS-20000-32		BS-20000-33	
200 g	0.01 g	±0.02 g	±0.02 g	4 3/4" (12.0 cm)	BS-20000-34		BS-20000-35	
300 g	0.1 g	±0.2 g	±0.2 g	4 3/4" (12.0 cm)	BS-20000-48		BS-20000-49	
400 g	0.01 g	±0.02 g	±0.02 g	4 3/4" (12.0 cm)	BS-20000-36		BS-20000-37	
500 g	0.1 g	±0.2 g	±0.2 g	4 3/4" (12.0 cm)	BS-20000-51		BS-20000-52	
800 g	0.01 g	±0.02 g	±0.03 g	4 3/4" (12.0 cm)	BS-20000-38		BS-20000-39	
1200 g	0.1 g	±0.1 g	±0.2 g	4 3/4" (12.0 cm)	BS-20000-40		BS-20000-41	
2000 g	0.1 g	±0.2 g	±0.2 g	5 3/4" (14.5 cm)	BS-20000-42		BS-20000-43	
4000 g	0.1 g	±0.2 g	±0.2 g	5 3/4" (14.5 cm)	BS-20000-44		BS-20000-45	
6000 g	1 g	±1 g	±2 g	5 3/4" (14.5 cm)	BS-20000-46		BS-20000-47	

^tlb not available on 100 g models.

Accessories

[BS-11120-78](#) Compact thermal printer

[BS-10000-47](#) Kensington™-type security lock and cable

[BS-17101-52](#) NIST-traceable calibration with data for balances

METTLER TOLEDO Classic Light PL Portable Balances

Read weight in two different units simultaneously

- Large illuminated display with easy-to-use icon-driven interface
- Stack of up to five balances for quick and easy storage
- Match the balance to ambient conditions with unique environment setting
- Use batteries or AC/DC adapter for weighing anywhere
- Vibration-resistant design for ideal weighing on temporary work surfaces or in the field
- Transmit results to a printer or a PC with built-in RS-232 interface
- Weighing functions include weighing, parts counting, percent weighing, check weighing, dynamic weighing, density, along with several other modes

NEW



Specifications

Calibration: external, with calibration mass

Power: 120 VAC adapter (included), four AA alkaline batteries (not included)

Weighing units: g, mg, kg, ct, mom, oz, lb, dwt, gn, oz t, tl, tical

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Catalog number	Price
620 g	0.01 g	±0.01 g	±0.02 g	6 1/4" (16 cm)	BS-11335-41	
1520 g	0.01 g	±0.01 g	±0.03 g	6 1/4" (16 cm)	BS-11335-42	
6200 g	0.1 g	±0.1 g	±0.2 g	6 1/4" (16 cm)	BS-11335-43	

Accessories

[BS-11336-58](#) Printer

[BS-11334-94](#) Printer cable; RS-232, 9-pin

[BS-17101-52](#) NIST-traceable calibration with data for balances

Adam Nimbus™ Toploading Balances

Don't sacrifice rugged design for performance

- Rugged design features all-metal housing
- Meet GLP requirements with printouts via RS-232 connection
- Easily read display of results in parts counting, check weighing, percent weighing, and more
- Awkward item weighing made easy with included below-balance hook



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, ct, oz, lb, N, dwt, gn, oz t, dr, custom

Output: RS-232 and USB interface

Power: 115 or 220 VAC power adapter or built-in rechargeable battery (included)



220 and 420 g models include convenient draft shield

Capacity	Readability	Repeatability	Linearity	Platform size	115 VAC		220 VAC	
					Catalog number	Price	Catalog number	Price
220 g	0.001 g	±0.001 g	±0.002 g	5¾" (145 cm) dia	BS-11121-06		BS-11121-07	
420 g					BS-11121-08		BS-11121-09	
2600 g	0.01 g	±0.01 g	±0.02 g	6¼" (160 cm) dia	BS-11121-11		BS-11121-12	
3600 g	0.01 g	±0.01 g	±0.02 g		BS-11121-13		BS-11121-14	
4200 g	0.1 g	±0.1 g	±0.2 g		BS-11121-20		BS-11121-21	
4600 g	0.01 g	±0.01 g	±0.02 g		BS-11121-16		BS-11121-17	
8200 g	0.1 g	±0.1 g	±0.2 g		BS-11121-22		BS-11121-23	
12,000 g	0.1 g	±0.1 g	±0.2 g		BS-11121-24		BS-11121-25	
16,000 g	0.1 g	±0.2 g	±0.4 g	11¾" L x 15¾" W (30 x 40 cm)	BS-11121-26		BS-11121-27	
22,000 g	0.1 g	±0.2 g	±0.4 g		BS-11121-28		BS-11121-29	

[BS-11120-78](#) Compact thermal printer

[BS-10000-47](#) Kensington™-type security lock and cable

[BS-17101-52](#) NIST-traceable calibration with data for balances

Sartorius Entris® and Practum® Toploading Balances

Go beyond basic—get affordability, reliability, and quality

Entris features:

- Backlit high-contrast display delivers excellent viewability in any lighting condition
- Below balance, counting, percent, animal weighing, and density determination functions
- Document critical weights in GLP mode via RS-232 communication with PC or printer

Practum adds:

- Touch screen with graphical user interface
- Peak hold function
- Automatic data transfer to Excel® via USB port
- Mini USB interface port for communication with PC or printer

What's included: dust cover, weighing pan and power supply. Models with a weighing pan size of 4.5" dia (11.5 cm) also include a removable round draft shield.



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, ct, lb, oz, oz t, tals, grains, mg, parts/lb, mommes, Austrian karat, tola, baht, mesghal, tons, lb:oz, Newton

Stability indicator: yes

Output: Entris-RS-232, Practum-mini-USB interface

Power: 100 to 240 VAC, optional rechargeable battery

NEW



Capacity	Readability	Repeatability	Linearity	Pan size	Cat. no.	Price	
Entris balance with tactile buttons and LCD							
150 g	0.001 g	±0.001 g	±0.002 g	4.5" dia (11.5 cm)	BS-11955-23		
320 g					BS-11955-24		
620 g					BS-11955-26		
820 g	0.01 g	±0.01 g	±0.03 g	6" dia (15 cm)	BS-11955-27		
2200 g					BS-11955-28		
3200 g	0.01 g	±0.01 g	±0.03 g	7" x 7" (18 x 18 cm)	BS-11955-29		
4200 g					BS-11955-31		
5200 g					BS-11955-34		
Practum balance with touchscreen and graphical user interface							
210 g	0.001 g	±0.001 g	±0.002 g	4.75" dia (11.4 cm)	BS-11800-91		
310 g					BS-11800-90		
510 g	0.001 g	±0.001 g	±0.002 g	7" dia (17.8 cm)	BS-11955-13		
610 g	0.01 g	±0.01 g	±0.02 g		BS-11800-94		
1100 g					BS-11800-93		
2100 g	0.01 g	±0.01 g	±0.03 g		BS-11800-92		
3100 g					BS-11955-15		
5100 g					BS-11800-95		
6100 g	0.1 g	±0.1 g	±0.2 g		BS-11955-17		
6100 g	0.1 g	±0.1 g	±0.3 g				

[BS-11800-65](#) Standard compact printer

[BS-11800-75](#) External rechargeable battery kit

[BS-11800-97](#) USB-to-RS-232 cable

[BS-11200-50](#) Kensington™-type security lock and cable

[BS-17101-52](#) NIST-traceable calibration with data for balances

Get precise weighing with advanced features, affordably

NEW

Cole-Parmer® Symmetry® Toploading and Analytical Balances

- Fast stabilization and response time
- Digital filters compensate for vibration, drafts, or temperature changes
- Easy cleanup with sealed keypad, splashproof design, and removable stainless steel pan
- Clearer viewing of results with oversized backlit LCD
- Maintain GLP/GMP compliance via USB and RS-232 interfaces to computer or printer
- Select your weighing mode: parts counting, percent weighing, and checkweighing. Toploaders also feature animal/dynamic weighing and density determination



Specifications

Calibration: Internal or external with calibration mass

Weighing units: g, ct, oz, dwt, mg, grains, oz, ozt, dwt, custom

Power: 115/220 VAC power adapter and built-in rechargeable battery pack (battery function not available on models 10001-06, -07, -13 or analytical balances)



PT Toploading Balances

Capacity	Readability	Repeatability	Linearity	Pan size	Cat. no.	Price
Internal calibration						
210 g	0.001 g	±0.002 g	±0.002 g	5 1/8" x 5 1/8" (13 x 13 cm)	BS-10001-10	
410 g	0.001 g	±0.002 g	±0.002 g		BS-10001-11	
2200 g	0.01 g	±0.02 g	±0.02 g	7 1/2" x 6 1/4" (19 x 16 cm)	BS-10001-12	
4200 g	0.01 g	±0.02 g	±0.02 g		BS-10001-13	
External calibration						
210 g	0.001 g	±0.002 g	±0.002 g	5 1/8" x 5 1/8" (13 x 13 cm)	BS-10001-02	
410 g	0.001 g	±0.002 g	±0.002 g		BS-10001-03	
2200 g	0.01 g	±0.02 g	±0.02 g		BS-10001-04	
4200 g	0.01 g	±0.02 g	±0.02 g	7 1/2" x 6 1/4" (19 x 16 cm)	BS-10001-05	
5000 g	0.1 g	±0.2 g	±0.4 g		BS-10001-06	
15,000 g	0.1 g	±0.2 g	±0.4 g		BS-10001-07	

PA Analytical Balances

Capacity	Readability	Repeatability	Linearity	Pan size	Catalog number	Price
Internal calibration						
120 g	0.0001 g	±0.0002 g	±0.0002 g	3 1/2" dia (9 cm)	BS-10001-08	
220 g	0.0001 g	±0.0002 g	±0.0002 g		BS-10001-09	
External calibration						
120 g	0.0001 g	±0.0002 g	±0.0002 g	3 1/2" dia (9 cm)	BS-10001-00	
220 g	0.0001 g	±0.0002 g	±0.0002 g		BS-10001-01	

OHAUS® Pioneer PA+ Toploading Balances

Protect against environmental influences on weighing results

- Easy-to-view backlit LCD
- Durable construction protects against spillage and accidental damage
- Adjustable zero tracking ideal for slow-filling applications
- Adjustable balance sensitivity handle environmental disturbances
- Front-panel level indicator ensures greater weighing accuracy

Includes menu lock and RS-232 interface with a printer or PC for data recording.

What's included: weigh-below hook, integral security bracket, in-use cover, weigh-below hook, and AC adapter with power cord.



Specifications

Calibration: internal or external with mass
Weighing units: g, kg, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, custom unit
Output: Entris-RS-232
Power: 100 to 240 VAC

Capacity	Readability	Repeatability	Linearity	Pan size	Models with internal calibration		Models with external calibration	
					Cat. no.	Price	Cat. no.	Price
160 g	0.001 g	±0.001 g	±0.002 g	4.75" dia (11.4 cm)	BS-11611-55		BS-11611-43	
320 g					BS-11611-56		BS-11611-44	
520 g					BS-11611-57		BS-11611-45	
1600 g	0.01 g	±0.01 g	±0.02 g	7" dia (17.8 cm)	BS-11611-58		BS-11611-46	
2200 g					BS-11611-59		BS-11611-47	
3200 g					BS-11611-60		BS-11611-48	
4200 g	0.1 g	±0.1 g	±0.1 g	BS-11611-61		BS-11611-49		
2200 g				BS-11611-62		BS-11611-50		
4200 g				BS-11611-63		BS-11611-51		

[BS-11611-68](#) Auxiliary display
[BS-11611-70](#) Density determination kit
[BS-11611-72](#) WinWedge data acquisition software
[BS-11610-68](#) Compact thermal printer
[BS-11611-69](#) Kensington™ type security lock and cable
[BS-17101-52](#) NIST-traceable calibration with data for balances

OHAUS® Explorer® Toploading Balances

Gain maximum flexibility with modular design

- Modular design allows display to be separated from the weighing base
- Optimized linearity and repeatability
- AutoCal™ automatic internal calibration ensures results are accurate
- Intuitive operation with large, color touch-screen display and icon-driven software
- Easy-to-use SmarText™ graphical software
- Metal base, ABS housing and stainless steel pan
- Color display with icon-driven navigation
- Touchless sensors for hands-free operation
- Easy access RS-232 and USB communication

What's included: below-balance weighing hook, security bracket, and AC adapter.



Specifications

Calibration: internal
Weighing units: g, mg, kg, ct, oz, dwt, gn, lb t
Power: 100 to 240 VAC, 50/60 Hz with adapter

Capacity	Readability	Repeatability	Linearity	Pan size	Cat. no.	Price
Advanced balances						
220 g	0.001 g	±0.001	±0.002 g	5" dia (13 cm)	BS-11800-03	
420 g					BS-11800-04	
620 g					BS-11800-05	
1100 g					BS-11800-06	
2200 g	0.01 g	±0.01	±0.02 g	7½"L x 8"W (19 x 20 cm)	BS-11800-07	
4200 g					BS-11800-08	
6200 g					BS-11800-09	
10,200 g					BS-11800-10	
6200 g	0.1 g	±0.1	±0.1 g	7½"L x 8"W (19 x 20 cm)	BS-11800-11	
10,200 g					BS-11800-12	
High-capacity balances (no advanced features)						
12,000 g	0.1 g	±0.1	±0.2 g	14½"L x 12¼"W (37.1 x 31.1 cm)	BS-11610-62	
24,000 g					BS-11610-63	
35,000 g					BS-11610-64	

[BS-11800-13](#) Tower mount for display
[BS-11800-14](#) Display extension cable
[BS-11800-15](#) Density determination kit
[BS-11800-16](#) Security cable
[BS-11610-70](#) Foot operation kit
[BS-11800-20](#) Ethernet kit
[BS-11610-68](#) Compact thermal printer
[BS-11800-24](#) RS-232 to thermal printer cable
[BS-11800-26](#) RS-232 PC cable, 25 pin
[BS-11800-27](#) RS-232 PC cable, 9 pin
[BS-11800-18](#) USB cable
[BS-17101-52](#) NIST-traceable calibration with data for balances
†Not for use with high-capacity units

Don't wait for readings— fast, one-second response time

A&D Toploading Balances

- Select your weighing units—g, oz, lb-oz, ozt, ct, momme, dwt, gn, tael, tola, or mesghal
- Choose between external and internal calibration options
- Connect to peripheral devices with RS-232 output

FX-i and FZ-i Balances

- Get statistical data display or output of weighed samples with statistical calculation function (SCF)
- Weigh animal weights and percent weighing as well



Capacity	Readability	Repeatability	Linearity	Pan size (dia)	External calibration (FXi)		Internal calibration (FZi)	
					Cat. no.	Price	Cat. no.	Price
Standard balances (FXi/FZi)								
122 g 220 g 320 g 520 g	0.001 g	±0.001 g	±0.002 g	5" (13 cm)	BS-11112-30		BS-11110-31	
					BS-11112-31		BS-11110-32	
					BS-11112-32		BS-11110-33	
					BS-11110-95		BS-11110-97	
1220 g 2200 g 3200 g 5200 g	0.01 g	±0.01 g	±0.02 g	6" (15 cm)	BS-11112-33		BS-11110-34	
					BS-11112-34		BS-11110-35	
					BS-11112-35		BS-11110-36	
					BS-11110-96		BS-11110-98	
IP65-rated waterproof balances (FXi-WP/FZi-WP)								
122 g 220 g 320 g	0.001 g	±0.001 g	±0.002 g	5" (13 cm)	BS-11112-70		BS-11110-37	
					BS-11112-71		BS-11110-38	
					BS-11112-72		BS-11110-39	
1220 g 2200 g 3200 g	0.01 g	±0.01 g	±0.02 g	6" (15 cm)	BS-11112-73		BS-11110-41	
					BS-11112-74		BS-11110-42	
					BS-11112-75		BS-11110-43	



GX and GF Balances

- Store your data—GF series stores 20 sets, while GX series stores 200 data sets
- Analyze data and statistics easier with included WinCT software
- Develop custom weighing units as well



Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	Catalog number	Price
Balances with external calibration (GF series)						
210 g 310 g	0.001 g	±0.001 g	±0.002 g	5" x 5" (12.7 x 12.7 cm)	BS-11133-00	
410 g 610 g					BS-11133-02	
810 g 1100 g					BS-11110-61	
					BS-11110-62	
1210 g 2100 g 3100 g	0.01 g	±0.001 g	±0.003 g	6½" x 6½" (16.5 x 16.5 cm)	BS-11110-63	
4100 g 6100 g					BS-11110-64	
6100 g					BS-11133-06	
					BS-11133-08	
4100 g 6100 g	0.01 g	±0.01 g	±0.02 g ±0.03 g	6½" x 6½" (16.5 x 16.5 cm)	BS-11133-10	
6100 g					BS-11110-65	
					BS-11110-66	
					BS-11133-12	
Balances with internal calibration (GX series)						
210 g 410 g	0.001 g	±0.001 g	±0.002 g	5" x 5" (12.7 x 12.7 cm)	BS-11118-00	
810 g 1100 g			±0.003 g		BS-11118-02	
2100 g 4100 g 6100 g					BS-11110-58	
					BS-11110-59	
6100 g 8100 g	0.01 g	±0.01 g	±0.02 g ±0.02 g ±0.03 g	6½" x 6½" (16.5 x 16.5 cm)	BS-11118-06	
			BS-11118-08			
			BS-11118-12			
			BS-11118-10			
	0.1 g	±0.1 g	±0.1 g		BS-11118-14	



Sartorius Quintix® Toploading Balances

No difficult navigation—intuitive touch-screen operation

- Improve your workflow while saving time with simple icons
- Reliable results guaranteed with durable monolithic weigh cell
- Meets ISO/GLP requirements with included recording feature
- No need to calibrate externally with isoCAL automatic internal calibration
- Transfer data to PC or printer with included USB port and cable



Capacity	Readability	Repeatability	Linearity	Platform size (dia)	Catalog number	Price
210 g	0.001 g	±0.001 g	±0.002 g	4¾" (12 cm)	BS-11800-80	
310 g					BS-11800-79	
510 g					BS-11800-78	
610 g					BS-11800-85	
1100 g	0.01 g	±0.01 g	±0.02 g	7" (18 cm)	BS-11800-84	
2100 g					BS-11800-83	
3100 g					BS-11800-82	
5100 g					BS-11800-81	
5100 g	0.1 g	±0.1 g	±0.2 g	7" (18 cm)	BS-11800-86	
5100 g	1.0 g	±1.0 g	±2.0 g		BS-11800-87	



Specifications

Calibration: internal, fully automatic

Weighing units: g, ct, oz, lb, N, dwt, gn, oz t, parts/lb

Output: mini-USB interface

Power: 100 to 240 VAC with universal power adapter (included)

Sartorius Secura® Toploading Balances

Get high accuracies for regulated work

- Easy-to-use color touch screen with picture graphic menu
- Optoelectronic level sensor with alarm function and user interface
- Fully automatic, motorized calibration and adjustment
- No weighing below the minimum value with programmable SQmin
- Prevent unintentional menu changes with supervisor lock
- Communicate with a PC or printer via mini USB interface port
- Weighing applications include general weighing, density, percentage, check weighing, peak hold, counting, and averaging



What's included: USB cable, in-use cover, and universal power adapter.

Capacity	Readability	Repeatability	Linearity	Platform size (dia)	Catalog number	Price
210 g	0.001 g	±0.001 g	±0.002 g	4¾" (12 cm)	BS-11800-67	
310 g					BS-11800-68	
510 g					BS-11800-69	
1100 g					BS-11800-71	
2100 g	0.01 g	±0.01 g	±0.02 g	7" (18 cm)	BS-11800-72	
3100 g					BS-11800-73	
5100 g					BS-11800-74	



Specifications

Calibration: internal, fully automatic

Weighing units: g, oz, ct, dwt, Newton, oz, lb, GN, parts/lb

Output: mini-USB interface

Power: 100 to 240 VAC universal power adapter (included) or optional rechargeable battery

Cole-Parmer® Hexagonal Weighing Dishes

- Easily dispense or pour liquids or solids



Description	Capacity	Dimensions	Catalog number	Qty/pk	Price
Small	20 mL	1¾" dia x ¾"D (4.4 x 1.0 cm)	BS-01018-10	500	
Medium	50 mL	3" dia x ¾"D (7.6 x 1.9 cm)	BS-01018-12		
Large	200 mL	4¾" dia x 7/8"D (12.1 x 2.2 cm)	BS-01018-14		
Extra-large	350 mL	5½" dia x 1¼"D (14.0 x 3.2 cm)	BS-01018-16		



METTLER TOLEDO NewClassic ML-T Precision Toploading Balances

Take it where you weigh—ideal for fieldwork and stocktaking

NEW

- Extra-large color TFT touch-screen display with intuitive user interface—operate even while wearing gloves
- Convenient battery operation for up to 8 hours, or use AC power
- LevelControl warns you when balance is not level and offers on-screen help
- Advanced MonoBloc weighing technology for fast and accurate results
- MinWeigh function displays the weight value in red until the net sample is above the preprogrammed minimum value
- Overload protection guards against excess weight overload
- Easy-clean feature saves time and effort with all washable parts being dishwasher-safe



What's included: 120 VAC power adapter and eight rechargeable AA batteries with charger. Models 11337-04 to -06 also include a glass draft shield.

Specifications

Calibration: FACT internal calibration

Weighing units: g, kg, mg, ct, lb, oz, ozt, GN, dwt, momme, mesghal, tael, tical, tola, and baht

Power: 120 VAC power adapter or eight rechargeable AA batteries with charger

Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	Catalog number	Price
220 g	0.001 g	±0.001 g	±0.002 g	4 3/4" (12 cm) dia	BS-11337-04	
320 g	0.001 g	±0.001 g	±0.002 g		BS-11337-05	
520 g	0.001 g	±0.001 g	±0.002 g		BS-11337-06	
820 g	0.01 g	±0.01 g	±0.02 g		BS-11337-07	
1620 g	0.01 g	±0.01 g	±0.02 g	6 5/8" x 7 1/2" (17 x 19 cm)	BS-11337-08	
3200 g	0.01 g	±0.01 g	±0.02 g		BS-11337-45	
4200 g	0.01 g	±0.01 g	±0.02 g		BS-11337-46	
6200 g	0.01 g	±0.01 g	±0.02 g		BS-11337-47	
3200 g	0.1 g	±0.1 g	±0.2 g	6 5/8" x 7 1/2" (17 x 19 cm)	BS-11337-48	
6200 g	0.1 g	±0.1 g	±0.2 g		BS-11337-49	

[BS-17101-52](#) NIST-traceable calibration with data for balances

Cole-Parmer® Balance Draft Shield

Prevent drafts from affecting weighings

- Minimizes air movement around your balance for faster, more stable readings
- Mouse hole in back panel for power cords



Shield 01019-02
(balance not included)

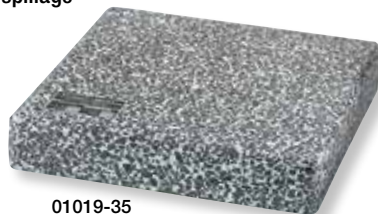


Size	Dimensions (W x H x D)	Catalog number	Price
Small	13" x 13 1/2" x 14 3/4" (33.0 x 34.3 x 37.5 cm)	BS-01019-02	
Medium	15" x 15 1/2" x 16 3/4" (38.1 x 39.4 x 42.5 cm)	BS-01019-04	
Large	18" x 18 1/2" x 19 3/4" (45.7 x 47.0 x 50.2 cm)	BS-01019-06	

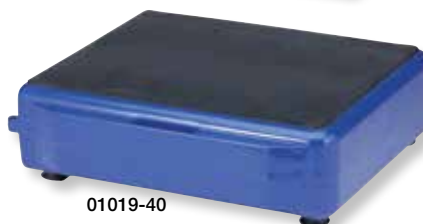
Vibration Damping Mounts

Reduce vibration disturbances

- Dense terrazzo slabs feature a scratch- and chemical-resistant polished surface
- Polystyrene offers an easy-to-clean neoprene work surface which reduces spillage



01019-35



01019-40

Material	Dimensions (W x H x D)	Catalog number	Price
Terrazzo	22" x 18" x 3" (55.9 x 45.7 x 7.6 cm)	BS-01019-30	
	13 3/4" x 13 3/4" x 3" (34.9 x 34.9 x 7.6 cm)	BS-01019-35	
Polystyrene	12 1/2" x 15 1/4" x 4 1/2" (31.8 x 38.7 x 11.4 cm)	BS-01019-40	

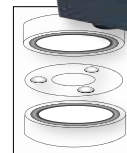
Vistek™ Balance Isolation Platforms

Maintain balance accuracy

- Portable and lightweight—position your balance on any countertop or table
- Maintains balance accuracy even in the presence of operating equipment
- Allows balances to hold calibration longer and load cells are protected from damage



Platform 11500-03
(balance not included)



Isolation bearings within platform feet reduce vibrations and shocks.

Dimensions (W x H x D)	Catalog number	Price
8" x 2" x 10" (20.3 x 5.1 x 25.4 cm)	BS-11500-01	
10" x 2" x 15" (25.4 x 5.1 x 38.1 cm)	BS-11500-02	
12" x 2" x 22" (30.5 x 5.1 x 55.9 cm)	BS-11500-03	

METTLER TOLEDO Excellence XS Toploading Balances

Save time and optimize
performance

- MonoBloc design has fewer moving parts and higher resolution for extremely high precision
- Fully Automatic Calibration Technology (FACT) temperature-activated internal calibration ensures accuracy, saves time
- Icon-driven menu and touch screen with a large number display provide for an intuitive interface
- Alphanumeric keypad and customizable print reports make GLP/GMP compliance easy
- Connect to peripheral devices via RS-232, Ethernet, USB, PS/2 or *Bluetooth*® technology
- SmartPan™ weighing pan provides improved accuracy with up to two times faster results (available on select models)



What's included: protective cover for terminal and weighing platform, and AC power adapter.



Specifications

Calibration: internal, Fully Automatic Calibration Technology (FACT)
Weighing units: g, mg, kg, ct, oz, lb, mom, dwt, gn, oz t, m, tl, tical, baht
Power: 100 to 240 VAC, 50/60 Hz

Capacity	Read-ability	Repeat-ability	Linearity	Pan size (L x W)	Catalog number	Price
Balances with SmartPan weighing platform						
1210 g	0.01 g	±8 mg	±20 mg	8" x 6 5/8" (20.5 x 17.2 cm)	BS-11333-47	
2100 g					BS-11333-62	
4100 g					BS-11333-64	
6100 g					BS-11333-68	
10,100 g					BS-11333-48	
1200/6100 g	0.01/0.1 g	±8/60 mg	±60 mg		BS-11333-70	
Balances with standard weighing platform						
4100 g	0.1 g	±80 mg	±60 mg	8 3/4" x 7 1/2" (22.3 x 19 cm)	BS-11333-72	
6100 g			±100 mg		BS-11333-74	
8100 g					BS-11333-76	
10,100 g					BS-11333-43	
High-capacity balances with extra-large weighing platform						
10,100 g	1 g	±80 mg	±200 mg	14 1/8" x 11" (36 x 28 cm)	BS-11333-49	
16,100 g	0.1 g				BS-11336-13	
16,100 g	1 g	±600 mg	±600 mg		BS-11336-12	
32,100 g	0.1 g	±80 mg	±300 mg		BS-11336-15	
32,100 g	1 g	±600 mg	±600 mg		BS-11336-14	
6400/32,100 g	0.1 g / 1 g	±100/600 mg	±300 mg		BS-11333-44	

Accessories

[BS-11333-91](#) RS-232 interface module
[BS-11333-96](#) *Bluetooth*® wireless interface module
[BS-11333-98](#) Wireless printer
[BS-17101-52](#) NIST-traceable calibration with data for balances

Note: *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

METTLER TOLEDO Excellence XPE Toploading Balances

Take the worry out of weighing

NEW



- SmartPan weighing platform reduces effect of turbulence, shortening stabilization time
- StatusLight™ displays a green light when the balance is ready, yellow for warnings, and red for errors
- SmartTrac facilitates dosing in small increments to a target weight
- MinWeigh protection makes sure sample meets the minimum weight requirement for accuracy
- Fully Automatic Calibration Technology (proFACT) performs internal calibrations automatically and at pre-programmed intervals
- TestManager embedded software keeps track of Standard Operating Procedures (SOPs) and alerts you when a test is due

What's included: protective cover for the terminal, power cord with country-specific plug. Models 11337-17 through -29 include a protective cover for the weighing platform.



Specifications

Calibration: internal, Fully Automatic Calibration Technology (proFACT)
Weighing units: g, mg, kg, oz, lb, oz t, ct, dwt, gn, tael, tical, momme, baht, mesghal
Power: 100 to 240 VAC, 50/60 Hz

Capacity	Read-ability	Repeat-ability	Linearity	Pan size (L x W)	Catalog number	Price
Balances with SmartPan weighing platform						
3100 g	5 mg	±6 mg	±6 mg	6¾" x 8" (17.2 x 20.5 cm)	BS-11337-17	
6100 g			±7 mg		BS-11337-18	
1210 g		10 mg	±8 mg		±20 mg	BS-11337-19
2100 g	BS-11337-20					
4100 g	BS-11337-21					
1200/ 6100 g	10/ 100 mg	±8/ 60 mg	±60 mg		BS-11337-22	
6100 g	10 mg	±8 mg	±20 mg		BS-11337-23	
8100 g					BS-11337-24	
10,100 g					BS-11337-25	
15100 g		±15 mg			BS-11337-30	
4200/ 20,100 g	10/ 100 mg	±30/ 80 mg	±60 mg		BS-11337-31	
Balances with standard weighing platform						
4100 g	100 mg	±80 mg	±60 mg	7½" x 8¾" (19 x 22.3 cm)	BS-11337-26	
6100 g			±100 mg		BS-11337-27	
8100 g					BS-11337-28	
10,100 g					BS-11337-29	
10,100 g			±200 mg	11" x 14⅛" (28 x 36 cm)	BS-11337-32	
16,100 g					BS-11337-33	
32,100 g		BS-11337-34				
64,100 g		BS-11337-35				
32,100 g		±100 mg	±500 mg		BS-11337-36	
64,100 g					BS-11337-37	
64,100 g	1 g	±600 mg	±600 mg			

Accessories

[BS-11333-91](#) RS-232 interface module
[BS-11333-96](#) *Bluetooth*® wireless interface module
[BS-11333-98](#) Wireless printer
[BS-17101-52](#) NIST-traceable calibration with data for balances

Get better weighing with just a touch

OHAUS® Adventurer™ AX Toploading and Analytical Balances



Extra-wide doors
for larger samples



Fast, touch-screen
operation, even with gloves

- Maintain GLP/GMP compliance via real-time clock and recording of sample, project, and balance ID
- Save time by transferring settings to other Adventurer balances via USB flash drive
- Stay level with illuminated level indicator on front panel
- Connect to PC or external device simultaneously via two USB ports
- Advanced weighing functions include part counting, percent, dynamic, density, check weighing, totalization, and formulation modes

Toploading Balances

Capacity	Readability	Repeatability	Linearity	Pan size	Cat. no.	Price
Balances with AutoCal™ automatic internal calibration						
220 g	0.001 g	±0.001 g	±0.002 g	5½" (13 cm)	BS-11019-06	
420 g					BS-11019-09	
520 g					BS-11019-13	
620 g					BS-11019-16	
1520 g	0.01 g	±0.01 g	±0.02 g	7" x 7¾" (17.5 x 19.5 cm)	BS-11019-19	
2200 g					BS-11019-22	
4200 g					BS-11019-25	
5200 g					BS-11019-28	
4200 g	0.1 g	±0.1 g	±0.2 g		BS-11019-29	
8200 g					BS-11019-31	
Balances with external calibration						
220 g	0.001 g	±0.001 g	±0.002 g	5½" (13 cm)	BS-11019-07	
420 g					BS-11019-10	
520 g					BS-11019-14	
620 g					BS-11019-17	
1520 g	0.01 g	±0.01 g	±0.02 g	7" x 7¾" (17.5 x 19.5 cm)	BS-11019-20	
2200 g					BS-11019-23	
4200 g					BS-11019-26	
4200 g					BS-11019-30	
8200 g	0.1 g	±0.1 g	±0.2 g		BS-11019-32	

Analytical Balances

Capacity	Readability	Repeatability	Linearity	Pan size	Cat. no.	Price
Balances with internal calibration						
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" dia (8.9 cm)	BS-11019-00	
220 g					BS-11019-03	
220 g					BS-11019-02	
320 g					BS-11019-05	
Balances with external calibration						
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" dia (8.9 cm)	BS-11019-01	
220 g					BS-11019-04	

For both:



Adam Nimbus™ Analytical Balances

Easy cleanup—doors disassemble in seconds

- Stainless steel bottom makes balance easy to clean
- Be GLP-compliant—print out results via USB or RS-232 connection
- More weighing options—below-balance hook for difficult weighing
- Rugged and easy-to-use design—all metal housing with intuitive keypad
- Maintain records easily—date and time stored in memory



Specifications

Calibration: external, with calibration mass

Weighing units: g, mg, ct, oz, dwt, gn, oz t, dr, custom

Output: RS-232 and USB interface

Capacity	Readability	Repeatability	Linearity	Platform size (dia)	115 VAC		220 VAC	
					Cat. no.	Price	Cat. no.	Price
80 g	0.0001 g	±0.0002 g	±0.0004 g	3½" (9 cm)	BS-11120-98		BS-11120-99	
120 g					BS-11124-08		BS-11124-09	
160 g					BS-11121-03		BS-11121-04	



Sartorius Entris and Practum Analytical Balances

Start weighing right—everything you need for standard applications

Entris features:

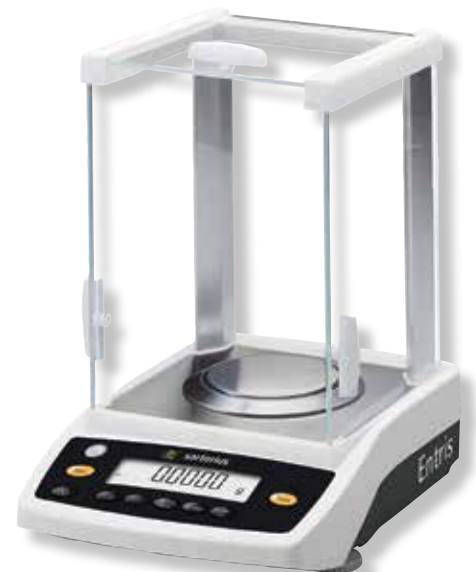
- Backlit high-contrast display delivers excellent viewability in any lighting condition
- User-friendly function keys perform basic weighing with counting, percent, animal weighing, and density determination
- Document critical weights in GLP mode via RS-232 communication with PC or printer
- Draft shield sliding doors and removable pan ensure thorough cleaning

Practum adds:

- Touch screen with intuitive graphical interface walks user through standard applications
- Peak Hold function locks in highest reading
- Automatic data transfer to Excel® via USB port
- Mini USB interface port enables communication with a PC or printer
- Supervisor lock to prevent unintentional menu changes

What's included: sliding panel draft shield, dust cover, and power supply.

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Catalog number	Price
Entris® balance with tactile buttons and LCD						
60 g	0.1 mg	±0.1 mg	±0.2 mg	3½" dia (8.9 cm)	BS-11955-19	
120 g					BS-11955-21	
220 g					BS-11955-22	
Practum® balance with touchscreen and graphical user interface						
64 g	0.1 mg	±0.1 mg	±0.2 mg	3½" dia (8.9 cm)	BS-11955-12	
120 g					BS-11800-89	
220 g					BS-11800-88	



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, ct, lb, oz, oz t, tals, grains, mg, parts/lb, mommes, Austrian carat, tola, baht, mesghal, tons, lb:oz, Newton

Power: 100 to 240 VAC (universal)

Cole-Parmer® Vessel Weighing Dishes with Pour Spout

- Antistatic polystyrene resists most dilute acids, aqueous solutions, and alcohol bases



Description	Capacity	Dimensions	Catalog number	Qty/pk	Price/pk
Small	20 mL	2½"L x 1½"W x ½"D (5.4 x 3.81 x 1.27 cm)	BS-01018-07	500	
Medium	120 mL	5¼"L x 3¼"W x 1"D (13.3 x 8.25 x 2.5 cm)	BS-01018-08		
Large	240 mL	7"L x 4¼"W x 1"D (17.7 x 10.8 x 2.5 cm)	BS-01018-09		



OHAUS® Pioneer PA+ Analytical Balances

Clean up in seconds

- Easy-to-view backlit LCD
- Durable construction protects against spillage and accidental damage
- Adjustable zero tracking is ideal for slow-filling applications
- Adjustable balance sensitivity to handle environmental disturbances or application requirements
- Level indicator ensures weighing accuracy

Includes glass paneled draft shield and three sliding doors. All panels and components are easy to remove for cleaning or replacement. Other features include menu lock and RS-232 interface to connect to a printer or PC for data recording.

What's included: weigh-below hook, integral security bracket, in-use cover, and AC adapter with power cord.

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Catalog number	Price
Internal calibration						
85 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11611-52	
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11611-53	
220 g	0.0001 g	±0.0002 g	±0.0003 g	3½" (9 cm)	BS-11611-54	
External calibration						
85 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11611-40	
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11611-41	
220 g	0.0001 g	±0.0002 g	±0.0003 g	3½" (9 cm)	BS-11611-42	

[BS-11611-68](#) Auxiliary display

[BS-11611-70](#) Density determination kit

[BS-11611-72](#) WinWedge data acquisition software

[BS-11610-68](#) Compact thermal printer

[BS-11611-69](#) Kensington™ type security lock and cable

[BS-17101-52](#) NIST-traceable calibration with data for balances

OHAUS® Explorer® Analytical Balances

Separate base from display for more flexibility

- Modular design allows for the display to be separated from the weighing base for maximum flexibility in any work area
- Optimized linearity and repeatability
- AutoCal™ automatic internal calibration ensures results are accurate
- Intuitive operation with large color touch-screen display and icon-driven software
- Easy-to-use SmarText™ graphical software
- Touchless sensors for hands-free operation
- Easy access RS-232 and USB communication

What's included: below-balance weighing hook, AC adapter, security bracket, and draft shield.

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Catalog number	Price
Balances with internal calibration						
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" dia (9 cm)	BS-11800-00	
220 g					BS-11800-01	
320 g					BS-11800-02	
Balances with internal calibration and auto-door						
120 g	0.0001 g	±0.0001 g	±0.0002 g	3½" dia (9 cm)	BS-11610-51	
220 g					BS-11610-53	
320 g					BS-11610-54	

[BS-11800-15](#) Density determination kit

[BS-11010-55](#) Security cable

[BS-11610-70](#) Foot operation kit

[BS-11800-20](#) Ethernet kit

[BS-11610-68](#) Compact thermal printer

[BS-11800-24](#) RS-232 to thermal printer cable

[BS-11800-25](#) RS-232 to dot matrix printer cable

[BS-11800-26](#) RS-232 PC cable, 25 pin

[BS-11800-27](#) RS-232 PC cable, 9 pin

[BS-11800-18](#) USB cable

[BS-17101-52](#) NIST-traceable calibration with data for balances



Specifications

Calibration: internal or external with calibration mass

Weighing units: mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, custom unit

Output: RS-232

Power: 115/220 VAC power adapter



NEW
Expanded Selection



Specifications

Calibration: Internal AutoCal

Weighing units: g, mg, kg, ct, oz, dwt, gn, lb, tael

Power: 100 to 240 VAC, 50/60 Hz

A&D Analytical Balances

Protect against erroneous weighing

- Die cast aluminum alloy housing offers long life and durability
- System diagnostics alerts operator of abnormal weighing conditions
- Digital tare lets you tare via computer or manually
- Parts counting, percent weighing, below-balance weighing, and auto zero tracking

What's included: dust cover and a 120 VAC, 50/60 Hz adapter with 6-ft (1.8-m) cord and two-prong plug.

Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Cat. no.	Price
60 g	0.1 mg	±0.0001 g	±0.0002 g	3 5/16" (8.4 cm)	BS-11104-00	
120 g					BS-11104-10	
210 g					BS-11104-20	
320 g	0.1 mg	±0.0002 g	±0.0003 g	3 1/2" (8.9 cm)	BS-11104-31	
51 g/220 g	0.01 mg/0.1 mg	±0.02 mg/±0.1 mg	0.03 mg/0.2 mg	3 3/16" (8.1 cm)	BS-11104-41	

Accessories

[BS-01038-65](#) Adapter; 220 VAC, 50/60 Hz

[BS-11110-47](#) External data logger

[BS-11110-46](#) Static eliminator

[BS-11104-50](#) RS-232 interface

[BS-17101-52](#) NIST-traceable calibration with data for balances



Specifications

Calibration: external, with calibration mass

Weighing units: g, mg, oz, oz t, ct, dwt, gn, tael

Output: optional RS-232 interface

Power:

120/220 VAC for models 11104-00, -10, -20;

120 VAC for models 11104-31, -41

A&D Weighing Galaxy Analytical Balances

No more wasted space—rotary sliding doors need no space in rear

- Get quicker readings—stabilizes in just 2 seconds
- Safely handle challenging powders—antistatic coating on breeze break for easier handling
- Meet compliance—provides output so you are GLP/GMP/GCP/ISO compliant
- More functionality—counting mode, statistical calculator, comparator, below-balance weighing, and density determination

Top breeze break pivots open for easier access to beakers and flasks

Capacity	Readability	Repeatability	Linearity	Platform size (dia)	Catalog number	Price
Analytical balances with internal calibration						
102 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11111-13	
152 g		±0.0001/±0.0002 g	±0.0003 g		BS-11111-14	
252 g					BS-11111-15	
Analytical balances with external calibration						
102 g	0.0001 g	±0.0001 g	±0.0002 g	3½" (9 cm)	BS-11111-16	
152 g		+0.0001/+0.0002 g	+0.0003 g		BS-11111-17	
252 g					BS-11111-18	

Accessories

[BS-01038-80](#) Compact statistical printer

[BS-11110-99](#) RS-232 cable for printer

[BS-11110-44](#) USB interface with cable

[BS-11110-46](#) Static eliminator

[BS-11111-20](#) Density determination kit

[BS-11110-47](#) External data logger

[BS-17101-52](#) NIST-traceable calibration with data for balances



Specifications

Calibration: internal or external, with calibration mass

Weighing units: g, mg, ct, oz, mom, %, d, pcs, dwt, gn, oz t, tl, t, custom

Output: RS-232 or optional USB interface

Power: 120/240 VAC power adapter

Wait!

There's More at
[ColeParmer.ca](#)

Browse **100,000+** products plus find
Technical Resources to help you choose

Get consistent results, faster!

NEW

METTLER TOLEDO NewClassic MS-TS Toploading and Analytical Balances

- Advanced MonoBloc™ weighing technology provides fast and accurate results
- Operate the extra-large, color touch screen while wearing cotton, silicone, or rubber gloves
- Stay level with alerts when the balance is not level and provides on-screen help to rectify
- Stay within range with MinWeigh function—weight is displayed in red until the sample weight is above preprogrammed minimum
- Restrict modification of balance settings with optional pass codes
- ISOLog function maintains a record of all weighing relevant changes to the balance's settings
- Connect directly to a PC or printer via RS-232 or USB slot allowing convenient transfer of data

High-capacity toploading balances above 12,200 grams have a high-contrast display (HCD) with tactile buttons. These balances do not include the touch screen, LevelControl, MinWeigh, pass codes, or ISOLog features.



Easily remove
draft shield
without tools



Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	120 VAC	
					Catalog number	Price
NewClassic MS-TS precision toploading balances						
320 g	0.001 g	±0.001 g	±0.002 g	5" x 5" (12.7 x 12.7 cm)	BS-11335-47	
420 g	0.001 g	±0.001 g	±0.002 g		BS-11335-48	
620 g	0.001 g	±0.001 g	±0.002 g		BS-11335-49	
1020 g	0.001 g	±0.001 g	±0.002 g		BS-11335-50	
1620 g	0.01 g	±0.01 g	±0.02 g	6 ⁵ / ₈ " x 7 ⁷ / ₈ " (17 x 20 cm)	BS-11335-51	
3200 g	0.01 g	±0.01 g	±0.02 g		BS-11335-52	
4200 g	0.01 g	±0.01 g	±0.02 g		BS-11335-53	
820/4200 g	0.01/0.1g	±0.01/0.06 g	±0.8 g		BS-11335-54	
6200 g	0.01 g	±0.01 g	±0.02 g	7 ¹ / ₂ " x 8 ⁷ / ₈ " (19 x 22.6 cm)	BS-11335-55	
1220/6200 g	0.01/0.1g	±0.01/0.06 g	±0.8 g		BS-11335-56	
12,200 g	0.01 g	±0.01 g	±0.025 g		BS-11334-58	
8200 g	0.1 g	±0.1 g	±0.2 g		BS-11335-57	
12,200 g	0.1 g	±0.1 g	±0.2 g	13 ³ / ₈ " x 9 ⁵ / ₈ " (35.1 x 24.5 cm)	BS-11334-71	
16,200 g	0.1 g	±0.1 g	±0.2 g		BS-11334-72	
32,200 g	0.1 g	±0.1 g	±0.3 g		BS-11334-73	
32,200 g	1 g	±0.5 g	±1 g		BS-11334-74	
6/15 kg	2 g	±1 g	±2 g	3 ¹ / ₂ " (9 cm) dia	BS-11334-75	
15/24 kg	2 g	±2 g	±2 g		BS-11334-76	
NewClassic MS-TS analytical balances						
120 g	0.1 mg	±0.1 mg	±0.2 mg	3 ¹ / ₂ " (9 cm) dia	BS-11335-44	
220 g					BS-11335-45	
320 g					BS-11335-46	

METTLER TOLEDO NewClassic ML-T Analytical Balances

Designed for mobility and easy operation

- Extra-large color TFT touch-screen display with intuitive user interface—operate even while wearing gloves
- AC or battery operable for up to 8 hours—ideal for whenever a power supply is hard to find
- LevelControl warns you when the balance is not level and provides on-screen help to correct
- Advanced MonoBloc weighing technology provides fast and accurate results
- MinWeigh function displays the weight value in red until the net sample is above the preprogrammed minimum value
- Overload protection guards the weighing cell against excess weight overload
- Easy-clean feature saves time and effort with all washable parts being dishwasher-safe

What's included: glass draft shield, 120 VAC power adapter, and eight rechargeable AA batteries with charger.



Specifications

Calibration: FACT internal calibration

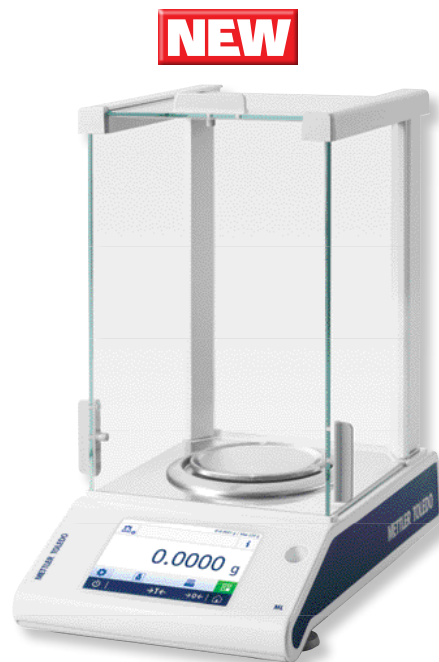
Output: RS-232, USB

Weighing units: g, kg, mg, ct, lb, oz, ozt, GN, dwt, momme, mesghal, tael, tical, tola, and baht

Power: 120 VAC power adapter or eight rechargeable AA batteries with charger

Capacity	Readability	Repeatability	Linearity	Pan size	Catalog number	Price
52 g	0.001 g	±0.001 g	±0.002 g	3½" (9 cm) dia	BS-11337-00	
120 g	0.001 g	±0.001 g	±0.002 g		BS-11337-01	
220 g	0.001 g	±0.001 g	±0.002 g		BS-11337-02	
320 g	0.001 g	±0.001 g	±0.002 g		BS-11337-03	

[BS-17101-52](#) NIST-traceable calibration with data for balances



METTLER TOLEDO XS Analytical Balances

Save time and money—fully automatic calibration

- As temperatures change and influence the accuracy of the weighing result, FACT adjusts the balance automatically
- SmartGrid® weighing pan is suspended into the weighing chamber to minimize air turbulence
- Three different display settings for user-friendly weighing and fast access to the menu via touch-screen operation with backlit graphics display
- Connect to peripheral devices via RS-232, Ethernet, or *Bluetooth*® wireless technology
- Determine densities, formula weigh and totalize, and display statistics

What's included: glass draft shield and AC power adapter.



Specifications

Calibration: Internal, Fully Automatic Calibration Technology (FACT)

Power: 115 VAC, 50/60 Hz

Weighing units: g, mg, kg, oz, lb, ozt, ct, dwt, gn, tael, tical, momme, baht, mesghal

Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	Catalog number	Price
61 g	0.1 mg	±0.1 mg	±0.2 mg	3" x 3" (7.6 x 7.6 cm)	BS-11333-00	
320 g	0.1 mg	±0.12 mg	±0.2 mg		BS-11333-01	
120 g	0.1 mg	±0.1 mg	±0.2 mg		BS-11333-02	
181/220 g	0.01/0.1 mg	±0.02 mg	±0.2 mg		BS-11333-03	
41/120 g	0.01/0.1 mg	±0.1 mg	±0.2 mg		BS-11333-08	
81/220 g	0.1/1 mg	±0.7 mg	±1 mg		BS-11333-04	
81/220 g	0.01/0.1 mg	±0.1 mg	±0.02 mg		BS-11333-10	
120 g	0.01 mg	±0.02 mg	±0.2 mg		BS-11333-05	
220 g	0.1 mg	±0.1 mg	±0.2 mg		BS-11333-06	

Note: The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



[BS-11333-91](#) RS-232 interface

[BS-11333-96](#) *Bluetooth*® wireless option

[BS-11333-98](#) Dot matrix printer with wireless connection

[BS-11333-95](#) ErgoClip® accessory kit includes 10 disposable aluminum pans, 50 weighing boats, weigh boat attachment, round-bottom flask holder, and test tube holder

[BS-17101-52](#) NIST-traceable calibration for balances

METTLER TOLEDO Excellence XPE Analytical and Micro-Analytical Balances

Measure even the lowest weights with the highest accuracy

- MinWeigh protection makes sure sample meets the minimum weight requirement for accuracy
- SmartTrac program facilitates dosing in small increments to a target weight
- StatusLight™ displays a green light when the balance is ready, yellow for warnings, and red for errors for higher quality management
- Fully Automatic Calibration Technology (proFACT) performs internal calibrations automatically and at pre-programmed intervals
- Draft shield opens manually or automatically with the push of a button
- SmartGrid weighing platform reduces effect of turbulence, shortening stabilization time
- TestManager embedded software keeps track of Standard Operating Procedures (SOPs) and alerts you when a test is due
- Antitheft device and password protection for eight users
- Modes include percent weighing, dynamic weighing, statistics, piece counting, formulation and density determination, and factor calculation
- Embedded StaticDetect™ technology automatically detects static charge
- SmartSens infrared sensors integrated into display terminal allow for hands-free operation

What's included: protective cover for SmartGrid and balance terminal, ErgoClip basket, drip tray, SmartPrep funnels, cleaning brush, and power cord with country-specific plug.

NEW



Specifications

Calibration: Internal, Fully Automatic Calibration Technology (proFACT)

Weighing units: g, mg, kg, ct, oz, lb, mom, dwt, gn, oz t, m, tl, t, baht, custom

Power: 100 to 240 VAC, 50/60 Hz

Capacity	Readability	Repeatability	Pan size (L x W)	Catalog number	Price
Analytical balances					
120 g	0.01 mg	±0.015 mg	3" x 2¾" (7.8 x 7.3 cm)	BS-11336-20	
41/120 g	0.01/0.1 mg			BS-11337-38	
220 g	0.01 mg			BS-11336-21	
81/220 g	0.01/0.1 mg			BS-11336-22	
220 g	0.1 mg	±0.05 mg		BS-11336-23	
320 g		±0.08 mg		BS-11337-39	
520 g				BS-11336-24	
101/520 g	0.1/1mg	±0.1mg		BS-11337-40	
Micro-analytical balances					
22 g	0.001 mg	±0.0015 mg	1½" x 1½" (4 x 4 cm)	BS-11337-41	
5.1/22 g	0.002/0.01 mg	±0.002 mg		BS-11337-42	
52 g	0.001 mg	±0.0015 mg		BS-11337-43	
11/52 g	0.002/0.01 mg	±0.002 mg		BS-11337-44	

Analytical

Cole-Parmer® Weighing Dishes

"Canoe" Weighing Dishes with Pour Spout

- Pour and dispense easily
- Antistatic polystyrene can withstand temperatures up to 200°F

Description	Capacity	Dimensions	Catalog number	Qty/pk	Price
Small	20 mL	1 5/8" x 1 1/4" x 5/16" (4.1 x 3.2 x 0.8 cm)	BS-01018-02	250	
Medium	140 mL	5 1/4" x 3 1/2" x 1" (13.3 x 8.9 x 2.5 cm)	BS-01018-04		
Large	270 mL	7 3/4" x 4 3/4" x 1" (19.7 x 12.1 x 2.5 cm)	BS-01018-06		

Round Crimped-Walled Aluminum Weighing Dishes

- Features crimped angled wall and flat bottom with a large finger-tab
- Oil-free and non-coated

Description	Capacity	Dimensions (dia x D)	Cat. no.	Qty/pk	Price	Cat. no.	Qty/pk	Price
Small	8 mL	1 1/8" x 3/8" (2.9 x 1.0 cm)	—	—		BS-01018-26	500	
Medium	20 mL	1 3/4" x 1/2" (4.3 x 1.3 cm)	BS-01018-51	100		BS-01017-51	1000	
Large	60 mL	2 1/4" x 5/8" (5.7 x 1.6 cm)	BS-01018-50	100		BS-01017-50	1000	
Extra-large	80 mL	2 3/4" x 5/8" (7.0 x 1.6 cm)	BS-01018-52	100		BS-01017-52	1000	

Round Smooth-Walled Aluminum Weighing Dishes

- Smooth-sided, flat bottom, multipurpose "utility" dish
- Oil-free and non-coated

Description	Capacity	Dimensions (dia x D)	Cat. no.	Qty/pk	Price	Cat. no.	Qty/pk	Price
Large	80 mL	2 1/8" x 3/4" (7.3 x 1.7 cm)	BS-01018-28	100		BS-01018-29	1000	
Extra-large	150 mL	4" x 3/4" (10.3 x 1.9 cm)	BS-01018-32	100		BS-01018-31	1000	



Sartorius Quintix® Analytical Balances

Get outstanding performance, weighing accuracy, and repeatability

- Touchscreen/swipe technology enables you to easily navigate through all functions
- Weighing applications are integrated into the balance menu and available at the touch of a key
- Simple menu navigation with icon-driven menus
- Monolithic weigh cell provides superior durability and reliability with precise weighing results
- ISO/GLP-compliant recording feature complies with documentation requirements
- Features isoCAL—a built-in, fully automatic internal calibration and balance adjustment function
- Mini USB interface enables communication with a PC or printer

What's included: USB cable, universal power adapter, in-use cover, and glass draft shield with removable panels.



Specifications

Calibration: internal, fully automatic

Weighing units: g, oz, ct, dwt, Newton, oz, lb, gn, parts/lb

Output: mini-USB interface

Power: 100 to 240 VAC universal power adapter (included)

Capacity	Readability	Repeatability	Linearity	Platform size (dia)	Cat. no.	Price
120 g	0.1 mg	±0.1 mg	±0.2 mg	3½" (8.9 cm)	BS-11800-77	
220 g					BS-11800-76	

[BS-11800-65](#) Standard compact printer

[BS-11800-99](#) Draft ring

Order external rechargeable battery kit, density weighing kit and other accessories below.



Sartorius Secura® Analytical Balances

Ensure high accuracies in your weighing

- Color touch screen with picture graphic menu
- Optoelectronic level sensor with alarm function and user interface
- isoCAL fully automatic, motorized calibration and adjustment
- No weighing below the minimum value with programmable SQmin
- Prevent unintentional menu changes with supervisor lock
- Mini USB interface enables communication with a PC or printer
- Weighing applications include general weighing, density, percentage, check weighing, peak hold, counting, and averaging

What's included: USB cable, in-use cover, draft ring, draft shield, and universal power adapter.



Specifications

Calibration: internal, fully automatic

Weighing units: g, oz, ct, dwt, Newton, oz, lb, gn, parts/lb

Output: mini-USB interface

Power: 100 to 240 VAC universal power adapter (included) or optional rechargeable battery

Capacity	Readability	Repeatability	Linearity	Platform size (dia)	Catalog number	Price
120 g	0.1 mg	±0.1 mg	±0.2 mg	3½" (8.9 cm)	BS-11800-64	
220 g					BS-11800-63	

[BS-11800-66](#) GLP-compliant compact printer

[BS-11800-65](#) Standard compact printer

[BS-11800-75](#) External rechargeable battery kit

[BS-11800-98](#) Density weighing kit

[BS-11800-97](#) USB-to-RS-232 cable

[BS-1200-50](#) Kensington™-type security lock and cable

[BS-17101-52](#) NIST-traceable calibration with data for balances



Cole-Parmer® Square Polystyrene Weighing Dishes

- Withstand temperatures up to 180°F
- Resistant to most dilute acids, aqueous solutions, and alcohol bases

Cole-Parmer®

Description	Capacity	Dimensions	Catalog number	Qty/pk	Price	Catalog number	Qty/pk	Price
Small, white	20 mL	1½" x ¾" (4.1 x 0.8 cm)	BS-01017-04	100		BS-01017-05	500	
Small, blue			BS-01017-06	100		BS-01017-07		
Small, white	50 mL	3½" x 1¼" (8.9 x 2.5 cm)	—	—		BS-01017-13		
Medium, white	100 mL	3½" x 1" (8.9 x 2.5 cm)	BS-01017-14	100		BS-01017-15		
Medium, blue			BS-01017-16	100		BS-01017-17		
Large, white	330 mL	5½" x 7⅞" (14.0 x 2.2 cm)	BS-01017-24	100		BS-01017-25		
Large, blue			BS-01017-26	100		BS-01017-27		



Cole-Parmer® Symmetry® MB Moisture Determination Balance

**No need to monitor sample—
auto test does the work for you**

- No more burns with pan lifter for safe removal of hot sample pans
- Save time—automatic test setting for quickly running multiple tests
- Test up to 99 minutes at temperatures from 50 to 160°C
- No need to change screens—displays temperature, time, and moisture simultaneously
- Don't reprogram—stores test procedures for easy recall
- ¿No habla ingles? ¡No problema!—displays and prints in English, French, German, and Spanish
- Measures what you need—grams, % moisture, % solids, % moisture vs dry weight, and % solid vs dry weight

What's included: pan lifter, ten sample pans, and a 5-ft (1.5-m) power cord.

Specifications

Calibration: external, with calibration mass

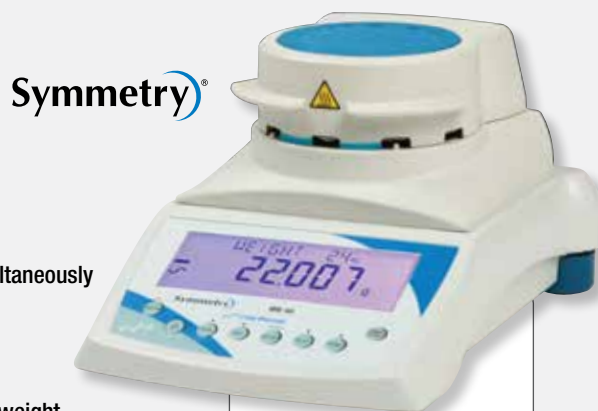
Heater type: halogen lamp

Output: RS-232

Weighing units: g, % moisture,
% solids, % moisture/dry
bases, % solids/dry bases



Capacity	Readability	Repeatability	Temperature range	Pan size (dia)	115 VAC		220 VAC	
					Catalog number	Price	Catalog number	Price
40 g	0.001 g	±0.005 g	50 to 160°C in 1°C intervals	3½" (8.9 cm)	BS-11124-06		BS-11124-07	



Auto test feature automatically starts when lid closes, ends when moisture loss stabilizes

Accessories

[BS-10000-46](#) Kensington-type security lock and cable

[BS-11700-66](#) Disposable sample pans. Pack of 250

[BS-17101-52](#) NIST-traceable calibration with data for balances

OHAUS® MB Moisture Determination Balances Heat and weigh more quickly

- Straightforward operation speeds up routine testing applications and accommodates operators of all skill levels

MB23 and MB25 Basic Moisture Analyzers offer weighing capacity up to 110 g, large backlit LCD, standard RS-232 port, and choice of infrared or halogen heating.

MB35 Standard Moisture Analyzer features a maximum weighing capacity of 35 g, simplified user interface with 3-key navigation and setup, and straightforward one-step testing procedure.

MB45 Advanced Moisture Analyzer features an integrated database to store up to 50 test procedures and four automatic drying programs for easy one-step drying. Built-in statistical function provides simple tracking and recording of standard deviation over time.

What's included: 50 sample pans, fiber pads, in-use cover, and 6-ft (1.8-m) power cord. Standard and Advanced models also include a sample pan holder.

Model	Capacity	Readability	Repeatability (3-g sample)	Heater type	Temperature range	Pan size (dia)	120 VAC		230 VAC	
							Cat. no.	Price	Cat. no.	Price
MB23 Basic	110 g	0.001 g	±0.3%	Infrared coil	50 to 160°C	3½" (8.9 cm)	BS-01002-81		BS-01002-86	
MB25 Basic	110 g	0.005 g	±0.2%	Halogen lamp			BS-01002-82		BS-01002-87	
MB35 Standard	35 g	0.002 g	±0.18%	Halogen lamp			BS-01002-83		BS-01002-88	
MB45 Advanced	45 g	0.001 g	±0.05%	Halogen lamp			BS-01002-84		BS-01002-89	

[BS-11901-47](#) Thermal printer

[BS-11901-55](#) RS-232 cable for use with thermal printer 11901-47

[BS-11901-53](#) Paper for use with thermal printer 11901-47

[BS-11901-59](#) Dot matrix printer

[BS-11901-63](#) RS-232 cable for use with dot matrix printer 11901-59

[BS-11901-61](#) Ink ribbon for use with dot matrix printer 11901-59

[BS-11901-60](#) Paper for use with dot matrix printer 11901-59

[BS-01018-22](#) Aluminum pan liners, 4¾" dia x ¾"D (12.1 x 0.5 cm). Case of 1000

[BS-17101-52](#) NIST-traceable calibration with data for balances



01002-82



Specifications

Calibration: external, with calibration mass

Weighing units:

Basic: g, or % moisture, temperature, time
Standard and Advanced: % moisture, % solids, % regain, statistics, time, temperature, weight (g), test ID, drying curve

Timer:

Basic: 1 to 99 minutes, 30-sec to 60-min increments
Standard and Advanced: 1 to 120 min, 10-sec increments

A&D Moisture Determination Balances

Get greater control of temperature settings

- Vacuum fluorescent display (VFD) shows moisture content, solid content, weight, ATRO[†] moisture, and ATRO solid
- Programmable memory allows you to store up to 5 sample parameters for model 01041-25, 10 sample parameters for model 01041-30, and up to 20 sample parameters for models 01041-40 and -45
- WinCT Moisture software that comes with 01040-40 and -45 performs “optimal temperature search” to help develop drying protocol

What's included: tweezers, spoon, pan foils, display cover, bidirectional RS-232 interface, data collection software, and 6-ft (1.8-m) cord with three-prong plug.



Specifications

Calibration: external, with calibration mass

Timer: 1 to 999 minutes

Weighing units: g, % moisture, % solids, wet-dry, dry-wet

Output: RS-232 interface

Capacity	Readability	Repeatability	Heater type	Temperature range	Pan size	Power	Catalog number	Price
51 g	0.005 g	±0.50%	Halogen lamp	50 to 200°C in 1°C increments	3 3/8" dia (8.6 cm)	115 VAC	BS-01041-25	
51 g	0.002 g	±0.20%					BS-01041-30	
51 g	0.001 g	±0.10%					BS-01041-40	
70 g	0.0001 g	±0.05%					BS-01041-45	

[†]ATRO wet weight = (wet weight—dry weight)/wet weight x 100%; ATRO dry content = wet weight/dry weight

BS-11954-15 Class 1 calibration mass with NVLAP certificate of calibration, 50 g

BS-01038-83 Replacement paper. Pack of 5 rolls

BS-01038-80 Statistical printer includes one roll of paper, 110 VAC adapter, four AA batteries, and a plug for remote print switch

BS-17101-52 NIST-traceable calibration with data for balances

Adam PMB Moisture Determination Balances

Simplify your task—dual text prompts for easier operation

- Store up to 99 test results and 49 test settings and transfer data with the built-in USB and RS-232 interface ports
- Get measuring quicker with three preprogrammed settings
- ShockProtect™ overload protection

What's included: Ten sample pans and a 5-ft (1.5-m) power cord with US plug.



Specifications

Calibration: external, with calibration mass

Timer: 0 to 99 minutes

Weighing units: g, % moisture, % solids, ATRO % M (percent moisture/dry bases), ATRO % S (percent solids/dry bases)

Output: RS-232, USB

Power: 110 VAC

Capacity	Readability	Repeatability (S.D.)	Drying temperature range	Heating element	Pan size	Catalog number	Price
50 g	0.001 g / 0.01%	0.005 g / 0.05%	50 to 160°C in 1°C intervals	400 W halogen lamp	3 1/2" (90 mm) dia	BS-11702-60	
200 g	0.01 g / 0.05%	0.02 g / 0.2%				BS-11702-62	

BS-10000-47 Security lock and cable

BS-10000-39 Replacement thermal paper for printer. 5 rolls/pk

BS-11120-78 Compact thermal printer

BS-17101-52 NIST-traceable calibration for balances/scales

Cole-Parmer® Round Aluminum Weighing/Drying Liners

- Designed for moisture determination balances
- Slightly tapered for stacking
- No coating, oil free



Description	Capacity	Dimensions (dia x D)	Catalog number	Qty/pk	Price	Catalog number	Qty/pk	Price
Universal	1.2 gr	2 1/2" x 1/4" (7.0 x 0.6 cm)	BS-01018-19	50		BS-01018-20	500	
Sartorius style	2.5 gr	4" x 5/16" (10.2 x 0.8 cm)	BS-01018-23	50		BS-01018-24	500	
Ohaus style®	3.3 gr	5" x 3/16" (12.7 x 0.5 cm)	BS-01018-21	100		BS-01018-22	1000	



METTLER TOLEDO NewClassic Moisture Balances

Get better sample throughput with quicker cool down

- Maintain a record of your results via RS-232 interface and optional external printer

Entry-Level HE Series

- Easy-to-use on-screen graphical guide gets you results in minutes
- View all pertinent information while the test is running via large, backlit LCD
- Use in even the harshest environment with robust halogen heating element

Advanced HB Series

- Enhance your productivity with two drying methods
- Get up and running faster—over 100 moisture measurement methods built in
- End a drying program based on a weight loss per unit of time, after a preset amount of time has elapsed, or manually
- Save data in the event of a power failure with battery back-up

What's included: 80 aluminum sample pans, sample holder, sample handler, specimen sample (absorbent cellulose disc), and power cable.

Specifications

Calibration: external, with calibration mass

Weighing units: % moisture, % dry, % ATRO moisture dry, % ATRO moisture dry, grams of residue

Power: 115 VAC, 50/60 Hz



Capacity	Readability	Repeatability		Heater type	Temperaure range (1° increments)	Pan size (dia)	Catalog number	Price
		2-g sample	10-g sample					
Entry-level HE series								
54 g	1 mg	±0.15 %	±0.05%	Halogen	50 to 160°C	3½" (9 cm)	BS-11335-01	
71 g	1 mg	±0.15 %	±0.05%	Halogen	50 to 200°C	3½" (9 cm)	BS-11335-03	
Advanced HB series								
54 g	1 mg	±0.10 %	±0.015%	Halogen	50 to 200°C	3⅝" (9.2 cm)	BS-11334-48	



NEW

Accessories

[BS-11334-91](#) Printer for HB-series only

[BS-11336-58](#) Printer for HE-series only

[BS-11336-56](#) GxP compliance printer for HE-series only

[BS-11334-94](#) Printer cable; RS-232, 9-pin

[BS-11334-92](#) Reusable aluminum weighing pans. Set of 3

[BS-11334-93](#) Disposable foil weighing pans. Pack of 50

[BS-17101-52](#) NIST-traceable calibration with data for balances

Sartorius MA Moisture Balances/Analyzers

Increase your throughput

- On-screen icons guide you through easy interface
- Compact design conserves valuable bench space
- Effortless cleaning of all critical parts
- See progress on display
- Mini USB interface for direct data transfer to Microsoft® Windows programs

Model 11213-01 is perfect for routine tasks with memory for a one moisture analysis program. Results are saved until the start of the next measurement.

Model 11213-03 is ideal for quality control and research and development. Includes fully automatic endpoint determination, monitors the drying process, and features built-in performance test to verify proper operation. The advanced assistant software allows up to 100 methods to be stored. Other features include data importing/exporting and internal memory to save the last 999 measurements.

What's included: 5-ft power cord.

Specifications

Calibration: external

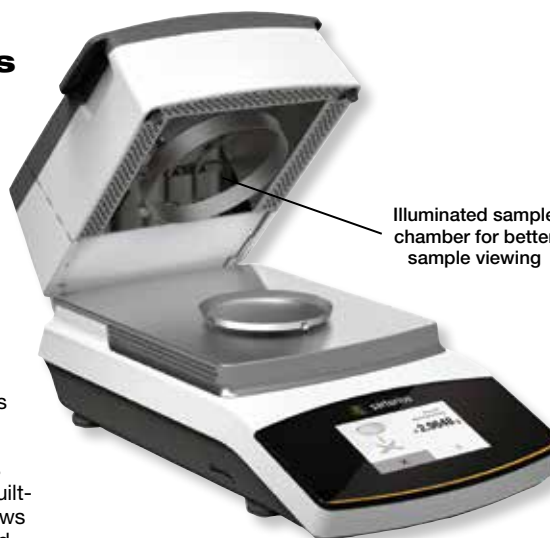
Weighing units: g, % moisture, % solids, % moisture/dry bases, % solids/dry bases

Output: USB

Power: universal 110/220 VAC



Capacity	Readability	Repeatability	Heater type	Temperature range	Pan size	Catalog number	Price
70 g	0.001 g	±0.2 at 1 g sample weight	Infrared	40 to 160°C in 1°C intervals	3½" dia (9 cm)	BS-11213-01	
200 g						BS-11213-03	



Illuminated sample chamber for better sample viewing

Accessories

[BS-11213-05](#) Disposable sample pans. Pack of 80

[BS-11214-19](#) Disposable glass fiber pad for analysis of pasty and fatty samples (hard quality). Pack of 80

[BS-11214-30](#) Disposable glass fiber pad for analysis of liquid and fatty samples (soft quality). Pack of 200

[BS-11800-65](#) Standard printer

[BS-11800-66](#) GLP laboratory printer

[BS-17101-52](#) NIST-traceable calibration with data for balances

OHAUS® Valor™ 1000 Compact Industrial Bench Scales

Precise, multipurpose weighing in a portable size

- Included internal rechargeable battery offers portability and up to 100 hours of battery life
- Perform routine weighing, accumulation, and checkweighing tasks with four-button keypad and simple, menu-driven operation
- Straightforward, intuitive display indicators including over/accept/under, center of zero, stability, net, sum, weighing units, and battery charge status
- Stainless steel weighing platform can be removed for easy cleanup

What's included: AC power adapter and internal rechargeable lead acid battery.



Specifications

Calibration: digital external span calibration

Weighing units: g, kg, oz, lb

Power: AC adapter (included) or internal rechargeable battery (included)



Capacity	Readability	Repeatability	Linearity	Platform size (L x W)	115 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
3 kg	0.5 g	±0.5 g	±0.5 g	10" x 7" (25.4 x 17.8 cm)	BS-11011-31		BS-11011-32	
6 kg	1 g	±1 g	±1 g		BS-11011-33		BS-11011-34	
15 kg	2 g	±2 g	±2 g		BS-11011-35		BS-11011-36	
30 kg	5 g	±5 g	±5 g		BS-11011-37		BS-11011-38	

[BS-17101-52](#) NIST-traceable calibration with data for balances/scales

OHAUS® Valor™ 3000 Portion Control Scales

Extreme performance in the most demanding environments

- No exposed screws or edges—perfect for food testing and service environments
- All stainless steel design with shock and overload protection for tough environments
- NSF certified, USDA-AMS accepted, and HACCP-certified
- Washdown IP65-rated models may be rinsed clean with sprayed water

What's included: AC power adapter.



Specifications

Calibration: digital external span calibration

Weighing units: g, fractional or decimal oz, kg, lb, lb:oz, fluid oz

Power: AC adapter (included) or four C batteries (not included)



Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	115 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
For dry applications								
0.2 kg	0.01 g	0.01 g	±0.01g	4¾" (12.1 cm)	BS-11011-81		BS-11011-88	
2 kg	0.1 g	0.1 g	±0.1g	5¾" x 6¼" (14.6 x 15.9 cm)	BS-11011-82		BS-11011-89	
3 kg	1 g	1 g	±1g		BS-11011-83		BS-11011-90	
6 kg	1 g	1 g	±1g		BS-11011-84		BS-11011-91	
Xtreme—for wet applications (washdown IP65-rated)								
0.3 kg	0.2 g	0.2 g	±0.2g	5¾" x 6¼" (14.6 x 15.9 cm)	BS-11011-85		BS-11011-92	
3 kg	1 g	1 g	±1g		BS-11011-86		BS-11011-93	
6 kg	2 g	2 g	±2g		BS-11011-87		BS-11011-94	

[BS-09376-02](#) Batteries; C. Pack of 4

[BS-17101-52](#) NIST-traceable calibration for balances

A&D SJ-Series Portion Scales

Get readings more quickly

- Fast stability time—less than 1 second
- Large, wide LCD (25 mm height)
- Full digital calibration function
- Multiple weighing units—g, lb, oz and lb-oz
- Spirit level and adjustable feet for accurate weighing
- Status indication function—Battery, Stable, Zero and Net
- Battery operation or use optional AC adapter



Specifications

Calibration: external, with calibration mass

Weighing units: g, lb, oz and lb-oz

Power: four "D" size batteries (included) or AC adapter

Capacity	Readability	Repeatability	Pan size (L x W)	Catalog number	Price
1000 g	0.5 g	±0.5 g	7½" x 9" (19 x 23 cm)	BS-11111-21	
5000 g	1 g	±1 g		BS-11111-24	
20 kg	10 g	±10 g		BS-11111-26	
30 kg	20 g	±20 g		BS-11111-27	

[BS-11108-60](#) Power adapter, 100/120 VAC

[BS-11108-65](#) Power adapter, 200/240 VAC [BS-17101-52](#) NIST-traceable calibration with data for balances/scales

Adam® WBW Portion Control Washdown Scales

Maintain cleanliness—designed for washdown applications

- IP65-rated housing and corrosion-resistant stainless steel pan
- Colored LED check limit indicators speed the process
- Backlit LCD with capacity tracker shows remaining capacity available
- Rechargeable battery and AC adapter included
- Low-battery indicator
- Auto power-off function reduces power consumption
- Advanced overload protection helps prevent internal damage

What's included: AC adapter and rechargeable battery.



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, lb, oz, lb:oz

Power: rechargeable battery and 115 VAC adapter (both included)

Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	Catalog number	Price
2 kg (5 lb)	0.2 g	±0.2 g	±0.4 g	8⅞" x 6¾" (22.6 x 17.2 cm)	BS-11711-93	
4 kg (9 lb)	0.5 g	±0.5 g	±1 g		BS-11711-94	
8 kg (18 lb)	1 g	±1 g	±2 g		BS-11711-95	
16 kg (35 lb)	2 g	±2 g	±4 g		BS-11711-96	

[BS-17101-52](#) NIST-traceable calibration with data for balances/scales

OHAUS® Ranger 3000 Compact Bench Scales

Tackle complex jobs with precision

NEW

All Ranger 3000 scales standard features include:

- Rapid stabilization produces accurate results within one second, eliminating your wait time
- SmarText™ menu navigation eliminates the need to master complex commands
- User-friendly keys dedicated to TARE, Yes, No, Back and Exit menu functions
- RS-232 standard for connection to printer or PC
- Integrated carrying handle and internal rechargeable battery for portability
- Maximum display resolution of 1:30,000, and a certified resolution of 1:3000
- Weighing functions include percent, parts counting, check weighing, accumulation, and dynamic weighing

The Ranger 3000 counting scales adds:

- Advanced parts counting software automatically recalculates during sampling
- Accumulation function keeps a running total of all items by weight, parts count, or percent
- Three-window backlit LCD with count display and separate weight and piece weight displays
- Eight function keys, including dedicated sample and TARE keys, with full numeric keypad
- Counting resolution of 1:1,500,000

What's included: rechargeable battery and power cord. Models 11610-73 to 77 also include a weigh-below hook.



Specifications

Calibration: external, with calibration mass

Weighing units: kg, g, lb, oz, lb:oz

Power: 100 to 240 VAC (universal) and internal rechargeable battery (included)

Capacity	Readability	Repeat-ability	Linearity	Platform size (L x W)	Catalog number	Price
Ranger 3000 bench scale						
1.5 kg (3 lb)	0.05 g (0.0001 lb)	±0.5 g	±0.5 g	11.8" x 9" (30 x 22.5 cm)	BS-11610-74	
3 kg (6 lb)	0.01g (0.0002 lb)	±1 g	±1 g		BS-11610-75	
6 kg (12 lb)	0.2 g (0.0005 lb)	±2 g	±2 g		BS-11610-77	
15 kg (30 lb)	0.05 g (0.001 lb)	±5 g	±5 g		BS-11610-73	
30 kg (60 lb)	0.1 g (0.002 lb)	±10 g	±10 g		BS-11610-76	
Ranger 3000 counting bench scale						
1.5 kg (3 lb)	0.05 g (0.0001 lb)	±0.5 g	±0.5 g	11.8" x 9" (30 x 22.5 cm)	BS-11610-79	
3 kg (6 lb)	0.01g (0.0002lb)	±1 g	±1 g		BS-11610-80	
6 kg (12 lb)	0.2 g (0.0005 lb)	±2 g	±2 g		BS-11610-82	
15 kg (30 lb)	0.05 g (0.001 lb)	±5 g	±5 g		BS-11610-78	
30 kg (60 lb)	0.1 g (0.002 lb)	±10 g	±10 g		BS-11610-81	

[BS-11610-68](#) Compact impact printer with cable

[BS-11610-96](#) Weigh-below hook for Ranger 3000 counting scale

[BS-11610-97](#) In-use cover

[BS-17101-52](#) NIST-traceable calibration with data for balances

Adam® CBK Compact Industrial Bench Scales

Full-featured industrial checkweighing and the flexibility you need

- Large, backlit LCD with capacity tracker helps prevent exceeding scale capacity
- Color-coded keys and colored LED check limit indicators speed up productivity
- Multilanguage text printing accommodates more users

These scales offer rugged construction for a wide variety of industrial weighing applications including weighing, parts counting, percent weighing, and checkweighing. The RS-232 interface with date-and-time stamp and selectable multilanguage text printing provide data recording and traceability.

What's included: AC power adapter and internal rechargeable battery.



Specifications

Calibration: automatic external, with calibration mass

Power: rechargeable battery or AC adapter

Weighing units: g, kg, lb, oz, lb:oz

Capacity	Readability	Repeatability	Linearity	Platform size (L x W)	120 VAC, 50/60 Hz		230 VAC, 50/60 Hz	
					Catalog number	Price	Catalog number	Price
4 kg	0.1 g	±0.1 g	±0.2 g	9" x 10¾" (22.9 x 27.3 cm)	BS-11711-78		BS-11711-79	
8 kg	0.1 g	±0.1 g	±0.2 g		BS-11711-80		BS-11711-81	
8 kg	0.2 g	±0.2 g	±0.4 g		BS-11711-82		BS-11711-83	
16 kg	0.5 g	±0.5 g	±1 g	9" x 10¾" (22.9 x 27.3 cm)	BS-11711-84		BS-11711-85	
32 kg	1 g	±1 g	±2 g		BS-11711-86		BS-11711-87	
48 kg	2 g	±2 g	±4 g		BS-11711-88		BS-11711-89	

[BS-10000-38](#) Compact thermal printer

[BS-10000-39](#) Thermal printer paper. Pack of 5 rolls

[BS-10000-43](#) In-use wet cover

[BS-17101-52](#) NIST-traceable calibration for balances/scales



Take it wherever you need it

Cole-Parmer® Symmetry® CS and IS Industrial Scales

- Rechargeable battery for portability
- Accommodate larger samples with large stainless steel pan

View three values simultaneously



CS Counting Scales

- View count, piece weight, and total weight simultaneously
- Direct entry of piece weights with numeric keypad



Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	120 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
3 kg	0.1 g	±0.1 g	±0.2 g	10" x 7" (25 x 18 cm)	BS-10000-61		BS-10000-65	
6 kg	0.2 g	±0.2 g	±0.4 g		BS-10000-62		BS-10000-66	
15 kg	0.5 g	±0.5 g	±1 g		BS-10000-63		BS-10000-67	
30 kg	1 g	±0.1 g	±1 g		BS-10000-64		BS-10000-68	

View readings easily with large display



IS Industrial Balances

- Don't overload your balance—High/Low/OK indicators built in
- Read what you need: four weighing units, % weighing, simple parts counting, and check weighing



Capacity	Readability	Repeatability	Linearity	Pan size (L x W)	120 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
3 kg	0.1 g	±0.1 g	±1 g	10" x 7" (25 x 18 cm)	BS-10000-51		BS-10000-55	
6 kg	0.2 g	±0.2 g	±2 g		BS-10000-52		BS-10000-56	
15 kg	0.5 g	±0.5 g	±4 g		BS-10000-53		BS-10000-57	
30 kg	0.1 g	±0.1 g	±10 g		BS-10000-54		BS-10000-58	

OHAUS® Valor™ 1000 Compact Industrial Bench Scales

Achieve precise, multipurpose weighing anywhere

- Included internal rechargeable battery offers portability and up to 100 hours of battery life
- Perform routine weighing, accumulation, and checkweighing tasks with four-button keypad and simple, menu-driven operation
- Straightforward, intuitive display indicators including over/accept/under, center of zero, stability, net, sum, weighing units, and battery charge status
- Stainless steel weighing platform can be removed for easy cleanup

What's included: AC power adapter and internal rechargeable lead acid battery.



Specifications

Calibration: digital external span calibration

Weighing units: g, kg, oz, lb

Power: AC adapter (included) or internal rechargeable battery (included)



Capacity	Readability	Repeatability	Linearity	Platform size (L x W) 10" x 7" (25.4 x 17.8 cm)	115 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
3 kg	0.5 g	±0.5 g	±0.5 g		BS-11011-31		BS-11011-32	
6 kg	1 g	±1 g	±1 g		BS-11011-33		BS-11011-34	
15 kg	2 g	±2 g	±2 g		BS-11011-35		BS-11011-36	
30 kg	5 g	±5 g	±5 g		BS-11011-37		BS-11011-38	

[BS-17101-52](#) NIST-traceable calibration with data for balances/scales

OHAUS® Defender™ 3000 Washdown Industrial Scales

Rugged design for industrial weighing and counting

- 304 stainless steel platform with painted carbon steel frame and IP67-rated load cell
- Parts counting mode with selectable sample sizes, last sample size, and average piece weight data
- Built-in RS-232 for printing and data connection
- Display indicator offers flexible mounting capabilities for unlimited placement options
- Built-in rechargeable battery operation allows portability

What's included: indicator, display column, AC power adapter and internal rechargeable lead acid battery.



Specifications

Calibration: external, with calibration mass

Weighing units: g, kg, oz, lb:oz

Power: AC adapter (included) or internal rechargeable battery (included)



Capacity	Readability	Repeatability	Linearity	Platform size (L x W)	Display column (H)	115 VAC		230 VAC	
						Catalog number	Price	Catalog number	Price
30 kg	5 g	±5 g	±5 g	14" x 12"	23" (58.4 cm)	BS-01006-71		BS-01006-72	
60 kg	10 g	±10 g	±10 g	(35.6 x 30.5 cm)		BS-01006-73		BS-01006-74	
60 kg	10 g	±10 g	±10 g	21½" x 16½"		BS-01006-75		BS-01006-76	
150 kg	20 g	±20 g	±20 g	(54.9 x 41.9 cm)	36" (91.4 cm)	BS-01006-77		BS-01006-78	
150 kg	20 g	±20 g	±20 g	19¾" x 25½"		BS-01006-48		BS-01006-49	
300 kg	20 g	±20 g	±20 g	(65 x 50 cm)		BS-01006-58		BS-01006-59	

[BS-11610-68](#) Compact thermal printer

[BS-11901-57](#) Printer cable kit, required for use with printer

[BS-11901-53](#) Thermal printer paper

[BS-17101-52](#) NIST-traceable calibration w/data for balance/scale

Adam® GBK/GFK Industrial Bench Scales

View rotatable display from any angle

- Use even where there's no electricity—operates on battery or AC
- No unauthorized or unintended changes with lock-out function
- User settable design—preset tare and sample size in count mode
- No more over capacity damage—overload protection and capacity tracker monitor loads
- Easily add multiple totals with automatic accumulation
- GBK models feature capacities up to 260 lb / 120 kg
- GFK models feature larger platforms and higher capacities

What's included: 115 VAC power adapter and rechargeable battery.



Specifications

Calibration: external, with calibration mass **Output:** RS-232 **Power:** 115 VAC adapter or internal rechargeable battery (included)
Weighing units: g, kg, lb, oz, lb:oz

Capacity	Readability	Repeatability (S.D.)	Linearity (+/-)	Platform size	Catalog number	Price
GBK models						
16 lb / 8 kg	0.0002 lb / 0.1 g	0.2 g	0.4 g	11¾" x 15¾" (30 x 40 cm)	BS-11119-79	
35 lb / 16 kg	0.001 lb / 0.5 g	1 g	2 g		BS-11119-81	
70 lb / 32 kg	0.002 lb / 1 g	2 g	4 g		BS-11119-83	
130 lb / 60 kg	0.005 lb / 2 g	4 g	8 g		BS-11119-85	
260 lb / 120 kg	0.01 lb / 5 g	10 g	20 g		BS-11119-87	
GFK models						
165 lb / 75 kg	0.01 lb / 5 g	5 g	10 g	15¾" x 19¾" (40 x 50 cm)	BS-11710-00	
165 lb / 75 kg	0.002 lb / 1 g	2 g	3 g		BS-11710-01	
330 lb / 150 kg	0.02 lb / 10 g	10 g	20 g		BS-11710-02	
330 lb / 150 kg	0.005 lb / 2 g	4 g	6 g		BS-11710-03	
660 lb / 300 kg	0.05 lb / 20 g	20 g	40 g		BS-11710-04	
1320 lb / 600 kg	0.1 lb / 50 g	50 g	100 g	23½" x 31½" (60 x 80 cm)	BS-11710-05	



Adam® Warrior Washdown Industrial Scales

Stand up to the most demanding environments

- Battery and AC operation
- IP66 washdown rated
- Indicator is sealed from water and dust
- Large backlit LCD with capacity tracker
- Checkweighing LED lights show acceptable limits
- Feature six weighing units and five weighing modes

What's included: AC power adapter and rechargeable battery.



Specifications

Calibration: external, with calibration mass **Output:** RS-232 bidirectional
Weighing units: g, kg, lb, oz, lb:oz, Newtons **Power:** AC adapter or internal rechargeable battery

Capacity	Readability	Repeatability	Linearity	Platform size (L x W)	120 VAC		230 VAC	
					Catalog number	Price	Catalog number	Price
8 kg (16 lb)	0.5 g (0.001 lb)	±1 g (0.002 lb)	±1 g (0.002 lb)	9¾" x 9¾" (25 x 25 cm)	BS-11120-17		BS-11120-18	
16 kg (35 lb)	1 g (0.002 lb)	±2 g (0.004 lb)	±2 g (0.004 lb)		BS-11120-19		BS-11120-21	
32 kg (70 lb)	2 g (0.005 lb)	±4 g (0.01 lb)	±4 g (0.01 lb)		BS-11120-22		BS-11120-23	
32 kg (70 lb)	2 g (0.005 lb)	±4 g (0.01 lb)	±4 g (0.01 lb)	15¾" x 11¾" (40 x 30 cm)	BS-11120-24		BS-11120-26	
75 kg (165 lb)	5 g (0.01 lb)	±10 g (0.02 lb)	±10 g (0.02 lb)		BS-11120-27		BS-11120-28	
75 kg (165 lb)	5 g (0.01 lb)	±10 g (0.02 lb)	±10 g (0.02 lb)		BS-11120-29		BS-11120-31	
150 kg (330 lb)	10 g (0.02 lb)	±20 g (0.04 lb)	±20 g (0.04 lb)	19¾" x 15¾" (50 x 40 cm)	BS-11120-32		BS-11120-33	
150 kg (330 lb)	10 g (0.02 lb)	±20 g (0.04 lb)	±20 g (0.04 lb)		BS-11120-34		BS-11120-36	

BS-17101-52 NIST-traceable calibration for balances/scales



A&D GP Washdown Industrial Scales

Weigh bulky items easily with adjustable swing arm display

- Protection against moisture and dust to IP65/NEMA 4 standards
- Automatic internal calibration when scale detects changes in ambient temperature
- Clear, large vacuum fluorescent display is easy to see under any lighting conditions

What's included: AC power adapter.



Specifications

Calibration: internal
Weighing units: g, kg, lb, oz, ct, dwt, momme
Platform size: 15¼" x 12½" (38.4 x 34.3 cm)

Output: built-in bidirectional RS-232C with Windows® Communication Tools (WinCT)
Power: 115 VAC

Capacity	Readability	Repeatability	Linearity	Display column (H)	Catalog number	Price
6/31 kg	0.1/1 g	±0.1/0.5 g	±0.2/1 g	Remote indicator, no column	BS-11115-92†	
				25½" (65.2 cm)	BS-11115-91	
12 kg	0.1 g	±0.1 g	±0.2 g	25½" (65.2 cm)	BS-11126-00	
21 kg	0.1 g	±0.1 g	±0.2 g	25½" (65.2 cm)	BS-11126-02	
				25½" (65.2 cm)	BS-11126-06	
31 kg	0.1 g	±0.1 g	±0.2 g	Remote indicator, no column	BS-11111-09†	
41 kg	0.5 g	±0.5 g	±1 g	25½" (65.2 cm)	BS-11126-08	
61 kg	0.1 g	±0.2 g	±0.5 g	25½" (65.2 cm)	BS-11115-94	
				Remote indicator, no column	BS-11115-95‡	
61 kg	1 g	±0.7 g	±1 g	Remote indicator, no column	BS-11115-93†	
				25½" (65.2 cm)	BS-11126-10	
61/101 kg	10/1 g	±5/1 g	±10/2 g	25½" (65.2 cm)	BS-11126-14	
				25½" (65.2 cm)	BS-11126-12	
100 kg	1 g	±1 g	±2 g	Remote indicator, no column	BS-11111-10†	

†Scale comes with remote indicator

[BS-11126-92](#) Printer, compact

[BS-17101-52](#) NIST-traceable calibration for balances/scales



Troemner Class F Grip-Handle Weights

Verify scales that have a ±0.1% accuracy or lower

- Used by end users, state and local weights and measures officials, device installers, and service technicians for commercial and industrial weighing devices
- Order weight with an NIST-traceable report to provide documentation for basic quality control requirements

Mass	Weight tolerance	With statement of accuracy†		With NIST-traceable report†	
		Catalog number	Price	Catalog number	Price
Stainless steel grip handle weights					
50 lb	2.3 g	BS-11966-20		BS-11966-42	
25 lb	1.1 g	BS-11966-22		BS-11966-44	
20 lb	910 mg	BS-11966-24		BS-11966-46	
10 lb	450 mg	BS-11966-26		BS-11966-48	
20 kg	2.0 g	BS-11966-28		BS-11966-50	
10 kg	1.0 g	BS-11966-30		BS-11966-51	
5 kg	0.5 g	BS-11966-32		BS-11966-52	
Cast iron grip handle weights					
50 lb	2.3 g	BS-01025-66		BS-11966-53	
30 lb	1.4 g	BS-01025-64		—	
25 lb	1.1 g	BS-01025-68		BS-11966-54	
25 kg	2.5 g	BS-01025-76		—	
20 kg	2.0 g	BS-01025-74		BS-11966-55	
10 kg	1.0 g	BS-01025-72		BS-11966-56	

†Troemner is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 105013-0.



Troemner Stainless Steel Electronic Balance Calibration Masses

Maintain accurate weighing with corrosion- and damage-resistant weights

- Cavity within the weight allows for adjustment during future calibrations
- Cylindrical shape with a flat top enables stacking of weights on center of weighing pans

What's included: vendor-supplied NVLAP[†] certificate and handling glove. The 10-g to 2000-g weights also include a high quality polycarbonate case. The 5000 g weights come with an impact-resistant polypropylene case. Order cases for larger weights separately below.



Mass	UltraClass masses		UltraClass masses with NVLAP certificate [†]		Class 1 masses		Class 1 masses with NVLAP certificate [†]		Class 4 masses		Class 4 masses with traceable certificate [†]	
	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price
10 g	BS-11958-05		BS-11959-05		BS-01025-05		BS-11954-05		BS-11953-05		BS-11956-05	
30 g	BS-11958-10		BS-11959-10		BS-01025-10		BS-11954-10		BS-11953-10		BS-11956-10	
50 g	BS-11958-15		BS-11959-15		BS-01025-15		BS-11954-15		BS-11953-15		BS-11956-15	
100 g	BS-11958-20		BS-11959-20		BS-01025-20		BS-11954-20		BS-11953-20		BS-11956-20	
150 g	BS-11958-25		BS-11959-25		BS-01025-25		BS-11954-25		BS-11953-25		BS-11956-25	
200 g	BS-11958-27		BS-11959-27		BS-01025-27		BS-11954-27		BS-11953-27		BS-11956-27	
300 g	BS-11958-30		BS-11959-30		BS-01025-30		BS-11954-30		BS-11953-30		BS-11956-30	
400 g	BS-11958-32		BS-11959-32		BS-01025-32		BS-11954-32		BS-11953-32		BS-11956-32	
500 g	BS-11958-35		BS-11959-35		BS-01025-35		BS-11954-35		BS-11953-35		BS-11956-35	
1000 g	BS-11958-40		BS-11959-40		BS-01025-40		BS-11954-40		BS-11953-40		BS-11956-40	
1500 g	BS-11958-64		BS-11959-45		BS-01025-45		BS-11954-45		BS-11953-45		BS-11956-45	
2000 g	BS-11958-47		BS-11959-47		BS-01025-47		BS-11954-47		BS-11953-47		BS-11956-47	
3000 g	BS-11958-50		BS-11959-50		BS-01025-50		BS-11954-50		BS-11953-50		BS-11956-50	
4000 g	BS-11958-51		BS-11959-51		BS-01025-51		BS-11954-51		BS-11953-51		BS-11956-51	
5000 g	BS-11958-55		BS-11959-55		BS-01025-55		BS-11954-55		BS-11953-55		BS-11956-55	
10 kg	BS-11958-60		BS-11959-60		BS-01025-60		BS-11954-60		BS-11953-60		BS-11956-60	
20 kg	BS-11958-62		BS-11959-62		BS-01025-62		BS-11954-62		BS-11953-62		BS-11956-62	

[†]Troemner is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 105013-0.

[BS-01025-61](#) Hard-shell case for 10-kg mass.
Includes fitted foam insert

[BS-01025-63](#) Hard-shell case for 20-kg mass.
Includes fitted foam insert

Troemner Alloy 8 Stainless Steel Precision Analytical Calibration Masses

Get greater calibration accuracy

- Extremely low magnetic properties, which exceed ASTM E617 and OIML R111 requirements, reduce interaction with the balance's magnetic field for greater calibration accuracy
- Harder material with high corrosion resistance makes the mass less vulnerable to wear and scratches that may cause it to fall out of its adjusted tolerance
- UltraClass is the most precise two-piece weight available—with weight tolerances 50% greater than ANSI/ASTM E617 Class 1 tolerances

What's included: a set of lifting forceps or gloves to handle each weight in the set. Individual weights of 2000 g and lower and mass sets of 500 g and lower include a clear-top polycarbonate case.



Mass	UltraClass masses only		UltraClass masses with NVLAP certificate [†]		Class 1 masses only		Class 1 masses with NVLAP certificate [†]		Class 4 masses only		Class 4 masses with NVLAP certificate [†]	
	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price	Cat. no.	Price
Precision individual masses												
1 g	BS-01026-17		BS-01027-17		BS-01028-19		BS-11957-19		BS-01025-19		BS-01029-19	
2 g	BS-01026-15		BS-01027-15		BS-01028-21		BS-11957-21		BS-01025-21		BS-01029-21	
5 g	BS-01026-13		BS-01027-13		BS-01028-23		BS-11957-23		BS-01025-23		BS-01029-23	
10 g	BS-01026-11		BS-01027-11		BS-01028-25		BS-11957-26		BS-01025-26		BS-01029-25	
20 g	BS-01026-37		BS-01027-37		BS-01028-27		BS-11957-27		BS-01025-28		BS-01029-27	
50 g	BS-01026-39		BS-01027-39		BS-01028-29		BS-11957-29		BS-01025-29		BS-01029-29	
100 g	BS-01026-41		BS-01027-41		BS-01028-31		BS-11957-31		BS-01025-31		BS-01029-31	
200 g	BS-01026-43		BS-01027-43		BS-01028-33		BS-11957-33		BS-01025-33		BS-01029-33	
500 g	BS-01026-45		BS-01027-45		BS-01028-35		BS-11957-34		BS-01025-36		BS-01029-35	
Precision mass sets												
500 g to 1 mg	BS-01026-59		BS-01027-59		BS-01028-49		BS-11957-49		BS-01025-49		BS-01029-49	
200 g (2) to 1 mg	BS-01026-61		BS-01027-61		BS-01028-51		BS-11957-51		BS-01025-52		BS-01029-51	
200 g to 1 mg	BS-01026-63		BS-01027-63		BS-01028-53		BS-11957-53		BS-01025-53		BS-01029-53	
100 g to 1 g	BS-01026-65		BS-01027-65		BS-01026-75		BS-11957-75		BS-01025-85		BS-01029-55	
100 g to 10 mg	BS-01026-67		BS-01027-67		BS-01026-80		BS-11957-80		BS-01025-90		BS-01029-57	

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