

Весы прецизионные, с верхней загрузкой ЕВ-50, РВ-300, РВ-350, РВ-100, ТВ-800

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PB-100 Series

Toploading Balances



Full of features, the PB-100 is a great choice for affordable and easy weighing

- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Large, grade 304 stainless steel pan allows easy cleaning
- Internal calibration eliminates the need for external weights
- External calibration allows for verification and adjustment with weights
- Dual tare keys facilitate operation with either the left or right hand
- Hook included for weighing below the balance
- Audible overload alarm warns when capacity has been exceeded
- Selectable digital filtering helps minimize effects of vibration and disturbances
- Parts counting with preset sample sizes
- Zero-tracking feature ensures display returns to zero reading

Cole-Parmer PB-100 portable toploading balances are ideal for lab work, educational and industrial applications. Key features include a rechargeable battery, RS-232 connection and a capacity tracking to monitor overloads. The sturdy ABS housing allows the PB-100 to stand up to demanding daily use.

Balance has programmable auto-power-off to save energy. Unit includes AD adapter as well as a rechargeable battery for operation almost anywhere

FEATURES

- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to "always on", "always off", or "light only when weighing"
- RS-232 interfaces provide speedy communication with computers and printers
- Capacity tracker built into display to easily monitor possible overloads
- Balances stack efficiently and safely to save space (120 mm pan size only)
- Security slot for optional Kensington-type lock and cable to help prevent theft
- Memory accumulation totals results

Applications

- Weighing
- Parts counting
- Percentage weighing
- Accumulation of weight

Specifications – PB-100 Balances

Model No.	PB-100-100	PB-100-200	PB-100-300	PB-100-400	PB-100-800
Capacity	100 g	200 g	300 g	400 g	800 g
Readability	0.001 g	0.01 g	0.1 g	0.01 g	0.01 g
Resolution	1:100000	1:20000	1:3000	1:40000	1:80000
Repeatability (+/-)	0.002 g	0.02 g	0.1 g	0.02 g	0.02 g
Linearity (+/-)	0.003 g	0.02 g	0.1 g	0.02 g	0.03 g
Units	g, ct, GN, N, dr, Lb, oz, oZt, tl t, tl H, tl S, CUS				

Model No.	PB-100-500	PB-100-1200	PB-100-2000	PB-100-4000	PB-100-6000
Capacity	500 g	1200 g	2000 g	4000 g	6000 g
Readability	0.1 g	0.1 g	0.1 g	0.1 g	0.1 g
Resolution	1:5000	1:12000	1:20000	1:40000	1:6000
Repeatability (+/-)	0.1 g	0.1 g	0.2 g	0.2 g	1 g
Linearity (+/-)	0.2 g	0.2 g	0.2 g	0.2 g	2 g
Eccentric Loading	0.2 g	0.2 g	0.2 g	0.2 g	2 g
Units	g, ct, GN, N, dr, Lb, oz, oZt, tl t, tl H, tl S, CUS				

Common Specifications

Interface	RS-232 bidirectional
Stabilization Time	3 seconds
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Power Supply	12 VAC @ 150 ma (12 VDC @ 800 ma with internal battery kit option)
Calibration	Automatic external
Display	18 mm 6 digit LCD
Housing	ABS
Size (without breeze shield)	17.8 x 25.7 x 8.4 cm (7.0 x 10.1 x 3.3 in.)
Net Weight	1.1 kg (2.4 lb)

Ordering Information

Description	Item Number
PB-100-100-115V Portable Toploading Balance, 100 g x 0.001 g, 120 V	20000-32
PB-100-100-230V Portable Toploading Balance, 100 g x 0.001 g, 220 V	20000-33
PB-100-115V Portable Toploading Balance, 200 g x 0.01 g, 120 V	20000-34
PB-100-200-230V Portable Toploading Balance, 200 g x 0.01 g, 220 V	20000-35
PB-100-300-115V Portable Toploading Balance, 300 g x 0.1 g, 120 V	20000-48
PB-100-300-230V Portable Toploading Balance, 300 g x 0.1 g, 220 V	20000-49
PB-100-400-115V Portable Toploading Balance, 400 g x 0.01 g, 120 V	20000-36
PB-100-400-230V Portable Toploading Balance, 400 g x 0.01 g, 220 V	20000-37
PB-100-800-115V Portable Toploading Balance, 800 g x 0.01 g, 120 V	20000-38
PB-100-800-230V Portable Toploading Balance, 800 g x 0.01 g, 220 V	20000-39
PB-100-500-115V Portable Toploading Balance, 500 g x 0.1 g, 120 V	20000-51
PB-100-500-230V Portable Toploading Balance, 500 g x 0.1 g, 220 V	20000-52
PB-100-1200-115V Portable Toploading Balance, 1200 g x 0.1 g, 120 V	20000-40
PB-100-1200-230V Portable Toploading Balance, 1200 g x 0.1 g, 220 V	20000-41
PB-100-2000-115V Portable Toploading Balance, 2000 g x 0.1 g, 120 V	20000-42
PB-100-2000-230V Portable Toploading Balance, 2000 g x 0.1 g, 220 V	20000-43
PB-100-4000-115V Portable Toploading Balance, 4000 g x 0.1 g, 120 V	20000-44
PB-100-4000-230V Portable Toploading Balance, 4000 g x 0.1 g, 220 V	20000-45
PB-100-6000-115V Portable Toploading Balance, 6000 g x 1 g, 120 V	20000-46
PB-100-6000-230V Portable Toploading Balance, 6000 g x 1 g, 220 V	20000-47

EB-50 Series

Portable Balances



Portable balance running on 12 VDC or AA battery operation with splash-proof keys

- Accurate readings for indoor and outdoor environments
- Splash-proof design with a sealed keypad
- Large 5 digits LED display for comfortable viewing
- Convenient automatic stabilization, scale only works on a flat surface
- Tare push button to zero scale with an empty container

The Cole-Parmer EB-50 compact portable balance is a basic analytical weighing balance for applications in education, the laboratory, and outdoor work areas without electrical outlets. The balance runs with an AC/DC adapter for 12 VDC 500 mA or 6 x AA batteries for portability. It has a built-in auto power-off after 4 minutes of inactivity to save battery life. The splash-proof keypad and display have a low-battery indicator inside the 5-digit LCD display with 15mm-tall numbers. The balance comes with auto-calibration with the push of a button and an external mass.

FEATURES

- Visual indicators for weight overload and low battery
- Portable unit design with auto-off for energy conservation
- Basic weighing units in ounces, grams, and pounds
- Keep the scale's weight precision with an easy to use external calibration mass function
- Ensure weight accuracy with a NIST-Traceable calibration
- 3-year warranty

APPLICATIONS

- Weighing



EB-50



EB-50

Specifications

Model No.	EB-50-302	EB-50-201	EB-50-601	EB-50-1201	EB-50-2001	EB-50-2000	EB-50-5000
Capacity	300 g	200 g	600 g	1200 g	2000 g	2000 g	5000 g
Readability	0.01 g	0.1 g	0.1 g	0.1 g	0.1 g	1 g	1 g
Pan Size	100 mm ø	14.5 x 14.5 cm					
Weighing Units	g, lb, oz						
Calibration	External						
Display	LCD with 0.6" / 15mm-high digits						
Power Supply	6 x AA Batteries, 12VDC 500mA adapter (optional)						
Operating Temp	0° to 40°C / 32° to 104°F						
Housing	ABS plastic						
Draught Shield	14.5 x 14.8 x 12.0 cm (5.7 x 5.8 x 4.7 in.)	N/A					
Overall Dimensions	14.7 x 20.8 x 15.0 cm (5.8 x 8.2 x 5.9 in.)	14.7 x 20.7 x 40.0 cm (5.8 x 8.2 x 1.6 in.)					
Net Weight	0.5 kg						

Ordering Information

Description	Item Number
EB-50-302 115 V Compact Portable Toploading Balance, 300 g x 0.01 g, Universal Voltage	11000-21
EB-50-201 115 V Compact Portable Toploading Balance, 200 g x 0.1 g, Universal Voltage	12000-22
EB-50-601 115 V Compact Portable Toploading Balance, 600 g x 0.1 g, Universal Voltage	11000-23
EB-50-1201 115 V Compact Portable Toploading Balance, 1200 g x 0.1 g, Universal Voltage	11000-24
EB-50-2001 115 V Compact Portable Toploading Balance, 2000 g x 0.1 g, Universal Voltage	11000-26
EB-50-2000 115 V Compact Portable Toploading Balance, 2000 g x 1 g, Universal Voltage	11000-27
EB-50-5000 115 V Compact Portable Toploading Balance, 5000 g x 2 g, Universal Voltage	11000-28

Cole-Parmer®

Cole-Parmer® PB-300 Series Portable Toploading Balances

- Five-year industry-leading warranty
- Long-lasting Internal Battery
- Compact Form-Factor
- Economical Price



Cole-Parmer® PB-300 Series Portable Toploading Balances

The PB-300 series of balances are the perfect choice for dynamic laboratory or teaching environments. Portable, lightweight, and with a compact form-factor, PB-300 series balances are a great choice when benchtop space is at a premium.

Despite their small size, PB-300 series balances have big data storage and processing capability; with internal storage of up to 500,000 readings, GLP compliant time and date stamps, and USB-A, USB-B and RS-232 interface connectivity.

Ordering Information

Description	Ordering Number	Series No.	Model No.
200g 1mg Precision Portable Toploading Balance	EW-10402-51	PB-300	PB-300-200
600g 0.01g Precision Portable Toploading Balance	EW-10402-52	PB-300	PB-300-600
2000g 0.01g Precision Portable Toploading Balance	EW-10402-53	PB-300	PB-300-2000
3100g 0.1g Precision Portable Toploading Balance	EW-10402-54	PB-300	PB-300-3100

Technical Specification

Specification	PB-300-200	PB-300-600	PB-300-2000	PB-300-3100
Max Capacity	200 g	600 g	2000 g	3100 g
Readability	0.001 g	0.01 g	0.01 g	0.1 g
Calibration Type	External	External	External	External
Linearity	0.004 g	0.03 g	0.03 g	0.3 g
Repeatability	0.002 g	0.01 g	0.01 g	0.1 g
Stabilization Time	2 s	2 s	2 s	2 s
Weigh Pan Dimensions	ø100 mm	128 mm x 128 mm	128 mm x 128 mm	128 mm x 128 mm
Device Dimensions	230 mm x 160 mm x 68 mm			
Connectivity	RS232, USB-A, USB-B			





TB-800 Series Precision Toploading Balances

- Five-year industry leading warranty
- Internal and external calibration options
- Readability as precise as 0.01 mg
- Touch screen display



Cole-Parmer® TB-800 Series Precision Toploading Balances

The TB-800 series of balances combines state of the art features, an intuitive touch screen display, premium build quality, and Cole-Parmer’s industry leading five-year warranty into an economical package that is an essential addition to any laboratory.

Internal or External Calibration, onboard database storage and processing, infrared sensors for hands-free operation, and unparalleled connectivity in the form of RS232, USB-A, USB-B and Wi-Fi make the TB-800 Series Precision Balances the perfect choice for all your weighing needs.

Technical Specifications (Internal Calibration)

Specification	TB-800-360i	TB-800-600i	TB-800-1000i	TB-800-2100i	TB-800-4500i	TB-800-6000i	TB-800-10100i
Max Capacity	360 g	600 g	1000 g	2100 g	4500 g	6000 g	10,000 g
Readability	0.001 g	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	0.01 g
Calibration Type	Internal	Internal	Internal	Internal	Internal	Internal	Internal
Linearity	0.002 g	0.002 g	0.002 g	0.02 g	0.02 g	0.03 g	0.03 g
Repeatability	0.001 g	0.0015 g	0.0015 g	0.01 g	0.01 g	0.015 g	0.015 g
Stabilization Time	2 seconds	2 seconds	2 seconds	1.5 seconds	1.5 seconds	1.5 seconds	1.5 seconds
Weigh Pan Dimensions	128 x 128 mm	128 x 128 mm	128 x 128 mm	195 x 195 mm	195 x 195 mm	195 x 195 mm	195 x 195 mm
Device Dimensions	13.8 x 8 x 13.3 in (351 x 205.5 x 338 mm)						
Connectivity	2x RS-232, 2x USB-A (interchangeable), USB-B, Wi-Fi						

Ordering Information (Internal Calibration)

Description	Series No.	Model No.	Ordering No.
360 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-360i	10102-04
600 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-600i	10102-05
1000 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-1000i	10102-06
2100 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-2100i	10102-07
4500 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-4500i	10102-08
6000 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-6000i	10102-09
10,000 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800-i	TB-800-10100i	10102-10

Cole-Parmer® TB-800 Series Precision Toploading Balances

Technical Specifications (External Calibration)

Specification	TB-800-360	TB-800-600	TB-800-1000	TB-800-2100	TB-800-4500	TB-800-6000	TB-800-6001	TB-800-10000
Max Capacity	360 g	600 g	1000 g	2100 g	4500 g	6000 g	6000 g	10,000 g
Readability	0.001 g	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Calibration Type	External	External	External	External	External	External	External	External
Linearity	0.002 g	0.002 g	0.002 g	0.02 g	0.02 g	0.02 g	0.3 g	0.3 g
Repeatability	0.001 g	0.0015 g	0.0015 g	0.01 g	0.01 g	0.03 g	0.1 g	0.08 g
Stabilization Time	2 seconds	2 seconds	2 seconds	1.5 seconds	1.5 seconds	1.5 seconds	1.5 seconds	1.5 seconds
Weigh Pan Dimensions	128 x 128 mm	128 x 128 mm	128 x 128 mm	195 x 195 mm	195 x 195 mm	195 x 195 mm	195 x 195 mm	195 x 195 mm
Device Dimensions	13.8 x 8 x 13.3 in (351 x 205.5 x 338 mm)							
Connectivity	2x RS-232, 2x USB-A (interchangeable), USB-B, Wi-Fi							

Ordering Information (External Calibration)

Description	Series No.	Model No.	Ordering No.
360 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-360	10102-15
600 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-600	10102-16
1000 g, 0.001 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-1000	10102-17
2100 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-2100	10102-18
4500 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-4500	10102-19
6000 g, 0.01 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-6000	10102-20
6001 g, 0.1 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-6001	10102-21
10,000 g, 0.1 g Precision Toploading Balance with Touch Screen	TB-800	TB-800-10000	10102-22

Cole-Parmer®

Cole-Parmer® PB-350 Series High Capacity Portable Toploading Balances

- Five-year industry-leading warranty
- Long-lasting Internal Battery
- Rugged Housing
- Economical Price



Cole-Parmer® PB-350 Series High Capacity Portable Toploading Balances

The PB-350 series of balances offer precision and portability in a rugged housing that can stand up to demanding environments. From the classroom to the field to the manufacturing floor, PB-350 series balances are built to go anywhere that you need.

Internal or External calibration options, onboard memory storage and processing, and multiple connectivity options make the PB-350 series of balances a perfect addition to any laboratory.



Ordering Information (External Calibration)

Description	Ordering No.	Series No.	Model No.
1000g 0.01g High Capacity Portable Toploading Balance	EW-10402-58	PB-350	PB-350-1000
2000g 0.01g High Capacity Portable Toploading Balance	EW-10402-59	PB-350	PB-350-2000
6000g 0.1g High Capacity Portable Toploading Balance	EW-10402-60	PB-350	PB-350-6000
10000g 0.1g High Capacity Portable Toploading Balance	EW-10402-61	PB-350	PB-350-10000
20000g 0.1g High Capacity Portable Toploading Balance	EW-10402-62	PB-350	PB-350-20000

Technical Specification (External Calibration)

Specification	PB-350-1000	PB-350-2000	PB-350-6000	PB-350-10000	PB-350-20000
Max Capacity	1000 g	2000 g	6000 g	10000 g	20000 g
Readability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Calibration Type	External	External	External	External	External
Linearity	0.03 g	0.03 g	0.2 g	0.3 g	0.3 g
Repeatability	0.01 g	0.01 g	0.1 g	0.1 g	0.1 g
Stabilization Time	3 s	3 s	3 s	3 s	3 s
Weigh Pan Dimensions	195 mm x 195 mm				
Device Dimensions	333 mm x 206 mm x 97 mm				
Connectivity	2×RS232, USB-A, USB-B				

Ordering Information (Internal Calibration)

Description	Ordering No.	Series No.	Model No.
1000g 0.01g High Capacity Portable Toploading Balance	EW-10402-63	PB-350	PB-350-1000i
2000g 0.01g High Capacity Portable Toploading Balance	EW-10402-64	PB-350	PB-350-2000i
6000g 0.1g High Capacity Portable Toploading Balance	EW-10402-65	PB-350	PB-350-6000i

Technical Specification (Internal Calibration)

Specification	PB-350-1000i	PB-350-2000i	PB-350-6000i
Max Capacity	1000 g	2000 g	6000 g
Readability	0.01 g	0.01 g	0.1 g
Calibration Type	Internal	Internal	Internal
Linearity	0.03 g	0.03 g	0.2 g
Repeatability	0.01 g	0.01 g	0.1 g
Stabilization Time	3 s	3 s	3 s
Weigh Pan Dimensions	195 mm x 195 mm		
Device Dimensions	333 mm x 206 mm x 97 mm		
Connectivity	2×RS232, USB-A, USB-B		



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