



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

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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



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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