

Cole-Parmer® Symmetry® NTEP-Approved Analytical and Toploading Balances



Industry-leading
5-year warranty

Highly precise weighing with legal-for-trade certification

LA.N and LT.N Series

- Come standard with internal calibration and legal-for-trade NTEP certificate
- Uncompromised precision—monolithic weigh cell ensures even greater accuracy and repeatability of weighing performance
- Backlit LCD provides clear, easy-to-read weighing results. Extra text line provides information or prompts on the weighing process (product name, tare value, etc.).
- Easily connect to a computer or printer. Printing, copying, archiving, and data transfer is easier with the ability to connect via RS-232 or USB ports.
- Built-in memory lets you automatically save and store up to 100,000 measurements, protecting weighing data. This ensures both security and flexibility of storing data over longer periods of time.

PBL.N and PBH.N Series

- Ideal for anywhere accuracy and portability is required. Constructed for superior performance with fast stabilization times.
- Available in external and internal calibration models—pay only for the features you need. PBH models are also available with capacities as high as 1 to 6 kg, while still maintaining excellent readability and quality.
- Compact and portable design allows you to operate in the field or move from lab-to-lab
- Connect to a computer or printer via RS-232 or USB connection for quick and easy recording of results. (PBH.N model connects with RS-232 port only.)

LA.N and LT.N Balances with NTEP Certificate

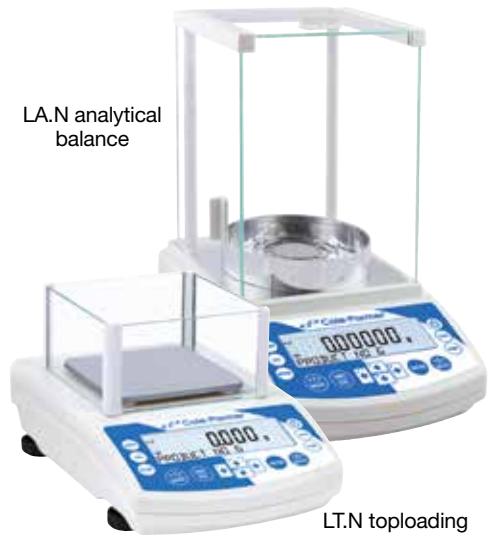
Calibration: internal calibration

Weighing units: g, mg or kg, ct

Output: RS-232 (2), USB (2), Ethernet, Wi-Fi

Power: 100 to 240 VAC

Capacity	Readability	Repeatability	Linearity	Pan size	Draft shield	Housing size (W x H x D)	Catalog number
LA.N analytical balances with internal calibration and NTEP certificate							
220 g	0.0001 g	±0.0001 g	±0.0002 g	3 3/8" (8.5 cm)	Yes	8 1/8" x 13" x 13 1/8" (20.6 x 35.5 x 33.3 cm)	ML-10402-45
310 g	0.0001 g	±0.0002 g	±0.0003 g				ML-10402-46
LT.N toploading balances with internal calibration and NTEP certificate							
360 g	0.001 g	±0.001 g	±0.002 g	5 1/8" x 5 1/8" (12.8 x 12.8 cm)	Yes	8 3/8" x 6 3/8" x 13 1/8" (20.6 x 16.8 x 33.3 cm)	ML-10402-47
1000 g		±0.002 g	±0.003 g				ML-10402-48
2100 g	0.01 g	±0.01 g	±0.02 g	7 1/8" x 7 1/8" (19.5 x 19.5 cm)	No	8 1/8" x 4 7/8" x 13 1/8" (20.6 x 11.3 x 33.3 cm)	ML-10402-49
4500 g		±0.01 g	±0.02 g				ML-10402-50



LA.N analytical balance

LT.N toploading balance

PBL.N Portable Lab Balances with NTEP Certificate

Calibration: external with calibration mass

Weighing units: g, ct, lb

Output: RS-232, USB (A), USB (B)

Power: 100 to 240 VAC, 50/60 Hz, internal rechargeable battery

Capacity	Readability	Repeatability	Linearity	Pan size	Draft shield	Housing size (W x H x D)	Catalog number
PBL.N portable toploading balances with external calibration and NTEP certificate							
600 g	0.01 g	±0.01 g	±0.02 g	5 1/8" x 5 1/8" (12.8 x 12.8 cm)	No	6 3/8" x 2 1/8" x 9 1/8" (16 x 6.8 x 23 cm)	ML-10402-55
2000 g	0.01 g	±0.01 g	±0.03 g				ML-10402-56
3100 g	0.1 g	±0.1 g	±0.3 g				ML-10402-57



PBL.N toploading balance

PBH.N Portable High-Capacity Balances with NTEP Certificate

Calibration: external with calibration mass; PBH.C units have internal calibration

Weighing units: g, ct, lb

Output: RS-232

Power: 100 to 240 VAC, 50/60 Hz, internal rechargeable battery

Capacity	Readability	Repeatability	Linearity	Pan size	Draft shield	Housing size (W x H x D)	Catalog number
PBH.N toploading balance with external calibration and NTEP certificate							
6000 g	0.1 g	±0.1 g	±0.1 g	7 1/8" x 7 1/8" (19.5 x 19.5 cm)	No	8 1/8" x 3 3/8" x 13 1/8" (20.6 x 9.7 x 33.3 cm)	ML-10402-66
PBH.C(N) toploading balances with internal calibration and NTEP certificate							
1000 g	0.01 g	±0.02 g	±0.03 g	7 1/8" x 7 1/8" (19.5 x 19.5 cm)	No	8 3/8" x 3 3/8" x 13 1/8" (20.6 x 9.7 x 33.3 cm)	ML-10402-67
2000 g							ML-10402-68
6000 g	0.1 g	±0.2 g	±0.2 g				ML-10402-69



PBH.N toploading balance

Accessories for all models

ML-10100-83 Cable, RS-232 to USB
 ML-10100-84 Cable, RS-232 to printer
 ML-10100-85 Impact printer
 ML-10100-86 Printer paper

ML-10100-87 Density determination kit for models 10402-45, -46
 ML-10100-88 Density determination kit for models 10402-47, -48
 ML-10100-89 Density determination kit for models 10402-49, -50
 ML-17101-52 NIST-traceable calibration with data for balances

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