



Cole-Parmer LB-400-4500iN Precision Toploading Balance with LCD, 4500g x 0.01g, Internal Calibration; NTEP

Cole-Parmer - Item # EW-10402-50

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Quality and precision at an economical price

- Designed and engineered to meet stringent NTEP requirements for use in legal applications such as pharmacies, jewelry stores and retail outlets
- 5-year industry-leading warranty
- Large, backlit LCD provides clear visibility of weighing results
- Automatic and manual internal calibration options
- Removable draft shield on milligram (0.001g) readability options
- USB, RS-232, Ethernet, and Wi-Fi interfaces
- Filter settings can be easily adjusted depending on the working environment
- Multiple working modes handle a variety of weighing functions
- Quick stabilization time of 1.5 seconds
- 5 year warranty

PRODUCT OPTIONS

Specifications & Description

Capacity (g)	4500
Capacity (kg)	4.5
Capacity (lbs)	9.92
Readability (mg)	10
Readability (g)	0.01
Repeatability (mg)	10
Repeatability (g)	0.01
Linearity (mg)	20
Linearity (g)	0.02
Weighing Units	g, mg, kg, ct
Calibration Type	Internal
Languages	English, Polish, Russian, Spanish, French, German, Italian, Czech, Chinese, Arabic, Turkish, Korean
Output	2 x RS 232, USB-A, USB-B, Ethernet, Wi-Fi
USB Interface	Yes
RS-232 Interface	Yes
Stability Indicator	Yes
Stabilization Time (Sec)	1.5
Auto Shutoff	Yes
Low Battery Indicator	No
Battery	No
Power (VAC)	100 to 240
Length (in)	13 1/10
Height (in)	3 15/16
Width (in)	8 1/10
Pan Length (in)	7 45/64
Pan Width (in)	7 45/64



KEY FEATURES

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MORE ABOUT THIS ITEM

The Cole-Parmer LT series precision toploading balances provide advanced weighing features at an economical price. The large, stainless steel weigh pan allows for easy weighing of large items. Easy to operate, the balances can be automatically or manually calibrated internally. The large, backlit LCD allows a clear presentation of the weighing results.

To achieve the best possible weighing conditions, the balances feature a filter level setting that can be adjusted to a fast or slow mode depending on the working environment. Other features include quick access keys, balance taring, balance zeroing, auto switch-off, and backlight turn-off time.

The balance features several databases for recording users, products, weighings, and tares. Only users with appropriate access can adjust balance settings, export data, import data, and delete records. Two USB, two RS-232 interfaces, Ethernet, and These NTEP-approved balances are tested and evaluated to ensure they meet all government standards and requirements set by the National Institute of Standards and Technology (NIST). Each model features a “d” and “e” value. The “d” value is defined in NIST Handbook 44 as the scale division, value of (d) and is the smallest division a balance can display. The “e” value is known as the verification scale division, value of (e). It

Min Temperature (° C)	10
Max Temperature (° C)	40
Description	Precision Toploading Balance with LCD, d=0.01g, e=0.1g (see text for details)
Warranty	5 Years

represents the stated accuracy and is utilized as the value for commercial transactions. Refer to your state guidelines on “d” vs “e” value acceptance.

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