

labForce

powered by Thomas Scientific

Versatility of applications
Ease of operation and reliable design
Quality and precision at a low price



TS-L.C Laboratory Balances

STANDARD WEIGHING

TS-L.C Series Laboratory Balances

Precise Measurement and Repeatability

The automatic adjustment system of TS-L.C Series balances is a control-verifying tool enabling precise weighing performance in any conditions. The TS-L.C series designed of monoblock components provides fast measurement and repeatability.

Easy-to-read Information Arrangement

The clear weighing result display is guaranteed due to the large, easy-to-read LCD. On screen symbols inform you of real-time function or working mode, connection status, etc. An additional text line allows a preview of weighing process-related messages and information.

USB and RS232 Interface

Connect the TS-L.C Series balance to a computer or printer through the USB or RS-232 connection for quick and easy recording of results.

Direct Access to Selected Functions

The balance overlay features quick access keys by means of which you can either activate a particular function or enter a given database directly with just a single touch.

User-friendly Draft Shield

A 3-door draft shield is standard on all analytical models (excludes milligram and high-capacity models). The internal dimensions and three sliding doors make access to the chamber a breeze. All draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.

Five year warranty included on all models



Model	TS-L-225.C	TS-L-164.C	TS-L-224.C	TS-L-314.C	TS-L-363.C	TS-L-603.C	TS-L-1202.C	TS-L-2102.C	TS-L-4502.C	TS-L-6002.C
Maximum Capacity	82/220 g	160 g	220 g	310 g	360 g	600 g	1000 g	2100 g	3500 g	4500 g
Readability [d]	0.01/0.1 mg	0.1 mg	0.1 mg	0.1 mg	1 mg	1 mg	1 mg	0.01 g	0.01 g	0.01 g
Taring Range	0-220 g	0-160 g	0-220 g	0-310 g	0-360 g	0-600 g	0-1000 g	0-2100 g	0-3500 g	0-4500 g
Repeatability	0.015 mg	0.1 mg	0.1 mg	0.1 mg	1 mg	1 mg	1 mg	0.01 g	0.01 g	0.01 g
Linearity	±0.06 mg	±0.2 mg	±0.2 mg	±0.2 mg	±2 mg	±2 mg	±2 mg	±0.02 g	±0.02 g	±0.02 g
Adjustment	Internal	Internal			Internal		Internal			
Stabilization Time	6/3.5 sec	3.5 sec			2 sec		1.5 sec			
Pan Size	90 mm (3.3 in)	100 mm (3.9 in)			128 x 128 mm (5.7 x 5.7 in)		195 x 195 mm (7.7 x 7.7 in)			
Unit Dimensions	333 x 206 x 100 mm (13.1 x 8.1 x 3.9 in)	333 x 206 x 325 mm (13.1 x 8.1 x 12.8 in)			333 x 206 x 100 mm (13.1 x 8.1 x 3.9 in)		333 x 206 x 100 mm (13.1 x 8.1 x 3.9 in)			
Communication ports	2 x RS232, USB (A&B), Ethernet, Wireless Connection	2 x RS232, USB (A&B), Ethernet, Wireless Connection			2 x RS232, USB (A&B), Ethernet, Wireless Connection		2 x RS232, USB (A&B), Ethernet, Wireless Connection			
Catalog Number	1160T86	1160T87	1160T88	1160T89	1160T90	1160T91	1160T92	1160T93	1160T94	1160T95