labForce

powered by **Thomas Scientific**

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

TS-L Laboratory Balances

STANDARD WEIGHING

Standard weighing
Highly precise measurement

TS-L Series
Laboratory Balances

Precise Measurement and Repeatability
The adjustment system of the TS-L Series balances is a control-verifying tool enabling precise weighing performance in any conditions. The TS-L 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 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-64	TS-L-164	TS-L-224	TS-L-314	TS-L-363	TS-L-603	TS-L-1202	TS-L-2102	TS-L-4502	TS-L-6002
Maximum Capacity	62 g	160 g	220 g	310 g	360 g	600 g	1200 g	2100 g	4500 g	6000 g
Readability [d]	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	0.01 g
Taring Range	0-62 g	0-160 g	0-220 g	0-310 g	0-360 g	0-600 g	0-1200 g	0-2100 g	0-4500 g	0-6000 g
Repeatability (s)	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	0.01 g
Linearity	0.2 mg	0.2 mg	0.2 mg	0.2 mg	0.002 g	0.002 g	0.02 g	0.02 g	0.02 g	0.02 g
Repeatability	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
Linearity	±0.2 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			
Stabilization Time	3.5 sec				2 sec		1.5 sec			
Pan Size	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 × 206 × 325 mm (13.1 x 8.1 x 12.8 in)				333 × 206 × 100 mm (13.1 x 8.1 x 3.9in)		333 × 206 × 100 mm (13.1 x 8.1 x 3.9in)			
Communication ports	2 x RS232, USB (A&B), Ethernet				2 x RS232, USB (A&B), Ethernet		2 x RS232, USB (A&B), Ethernet			
Catalog Number	1160T96	1160T97	1160T98	1160T99	1160U00	1160U01	1160U02	1160U03	1160U04	1160U05

Thomas Scientific
We Believe You Are Important
— How Can We Help?

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