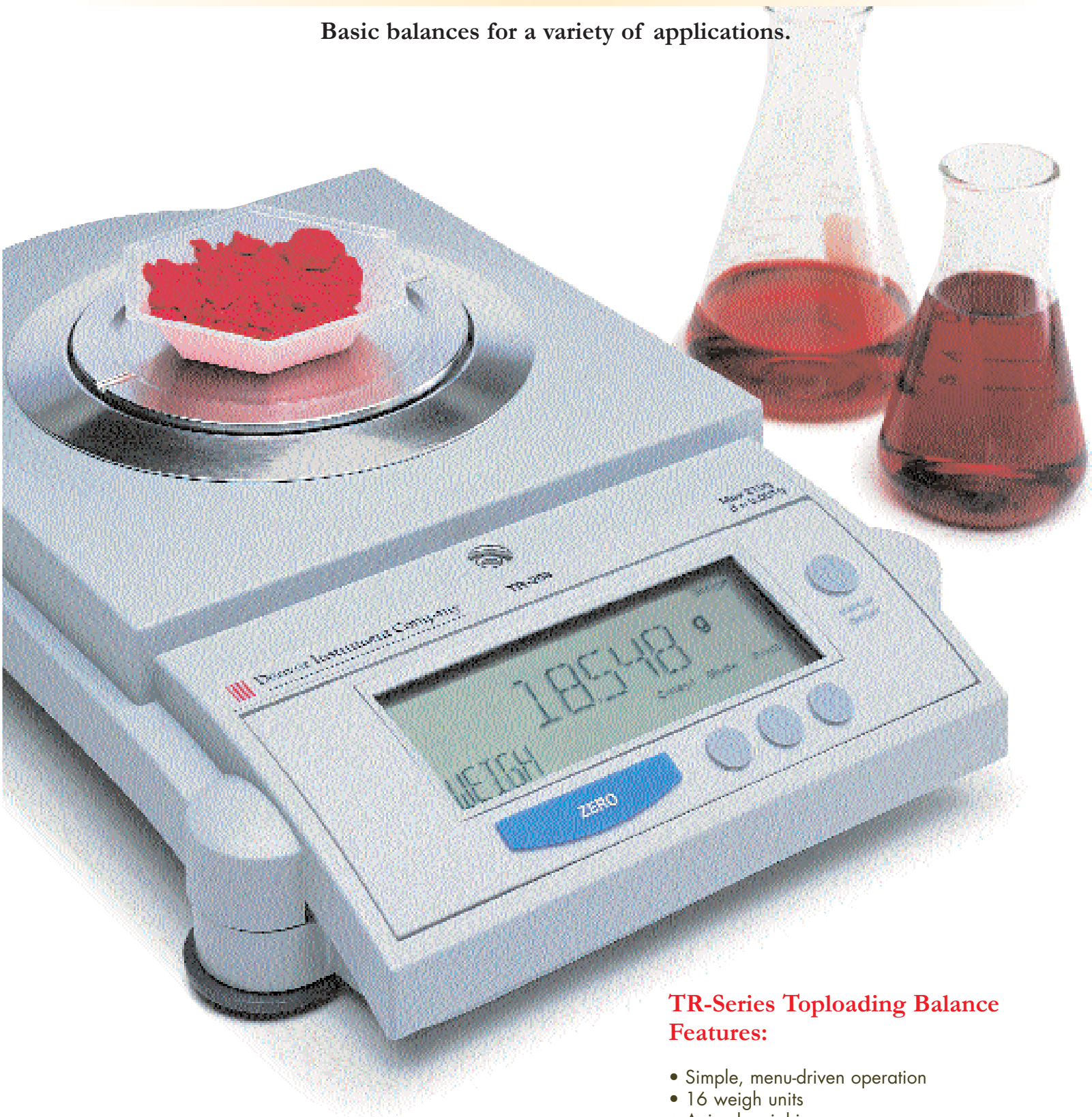


TR-Series Toploading Balances

Basic balances for a variety of applications.



TR-Series Toploading Balance Features:

- Simple, menu-driven operation
- 16 weigh units
- Animal weighing
- Parts counting
- Automatic calibration
- RS-232C interface
- Comprehensive warranty

The performance and reliability of these new toploaders make them perfect companions in any lab. They're rugged, quick to respond, easy to operate and easy on the budget! Plus, the TR-Series toploaders can be customized to meet a wide variety of applications, making them perfect for general laboratory, industrial or educational use.

Multiple weigh modes. Select and toggle between 2 units of weight for even greater versatility! Choose from:

- gram • milligram • kilogram • ounce • grain
- pound • troy ounce • carat • tael (3) • momme
- tola • baht • dram • pennyweight
- Plus 2 user-customized weighing modes!

Parts counting. To speed up inventory and process control, the TR-Series toploaders can be set to count parts.

Animal weighing. For accuracy in weighing nervous specimens, or to adjust for an unstable working environment, set the balance to average readings over a period of time to compensate for movement or vibration.

Calibration is a snap! With the push of a button, the TR-Series balances automatically adjust to an applied standard to ensure that every reading is accurate. The balances are programmed to recognize and calibrate to a minimum of 4 preset masses.



Display. A high-contrast display makes readings clear and visible. The display features large numerals that are visible whether the user is standing or sitting and a stability indicator that appears when the displayed reading is data you can trust.

Solid construction. From the chemical-resistant keypad to the sturdy housing and overload protection, you can rest assured that the TR-Series will perform over the long haul. Plus, the TR-Series balances are backed by Denver's no-nonsense, warranty—the strongest and most comprehensive in the industry by far! Simply stated, should any TR-Series toploader fail to perform to specification within the stated warranty period, it will be replaced or repaired at no charge. Period.

RS-232C serial interface. Maintain permanent records of your work with the T-Series' standard computer interface, featuring simple setup of baud rate and parity. See accessories on page 15 for software, printers and cables to help process and output your data.

See TL and TC-Series for advanced features such as GLP reporting, statistical analysis, check weighing and internal calibration.

TR-Series Toploading Balance Specifications

Model	203	403	402	602	2102	4102	2101
Weighing Range	210g	410g	410g	610g	2100g	4100g	2100g
Readability	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.1g
Linearity	0.002g	0.003g	0.01g	0.01g	0.01g	0.02g	0.1g
Repeatability, (s)	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.1g
Stabilization Time	3 sec	3 sec	2 sec	2 sec	2 sec	2 sec	2 sec
Pan Dimensions	4.5" (114mm)	4.5" (114mm)	6.0" (152mm)	6.0" (152mm)	8.38" X 8.38" (213 x 213mm)	6.0" (152mm)	8.38" X 8.38" (213 x 213mm)

Model	4101	6101	8101	12001	Dual Range Models		
					603D	4102D	8102D
Weighing Range	4100g	6100g	8100g	12000g	610/110g	4100/410g	8100/810g
Readability	0.1g	0.1g	0.1g	0.1g	0.01/0.001g	0.1/0.01g	0.1/0.01g
Linearity	0.1g	0.1g	0.2g	0.2g	0.01/0.002g	0.1/0.01g	0.2/0.01g
Repeatability, (s)	0.1g	0.1g	0.1g	0.1g	0.01/0.001g	0.1/0.01g	0.1/0.01g
Stabilization Time	2 sec	2 sec	2 sec	2 sec	2 sec	2 sec	2 sec
Pan Dimensions	8.375" X 8.38" (213 x 213mm)	8.38" X 8.38" (213 x 213mm)	8.38" X 8.38" (213 x 213mm)	8.38" X 8.38" (213 x 213mm)	4.5" (114mm)	8.38" X 8.38" (213 x 213mm)	8.38" X 8.38" (213 x 213mm)

Common Specifications:

Unit Dimensions: (LxWxH): 13.6 x 9.1 x 3.5" (345 x 231 x 89mm); Net Weight: 8.7 lbs (3.9kg) round pan, 10 lbs (4.5kg) square pan; Electrical Requirements: 15VDC @ 800 mA with AC Adapter, center pin (-). Please specify voltage when ordering.