

Cole-Parmer® Symmetry® Touch-Screen T-Series Toploading and Analytical Balances



Better weighing with just a touch

- Available in external and internal calibration—pay only for the features you need
- Color capacitive touch-screen display provides clear visibility of weighing results and menu options
- Customize menu screen to match everyday needs—direct access to work and other important information directly from home screen
- Go touchless and minimize cross-contamination—two programmable IR proximity sensors offer touch-free balance control
- Multiple working modes handle various weighing functions
- No more calculating—statistics working mode quickly analyzes data from series of measurements
- Built-in memory automatically records measurements. Data preview, copying, and archiving options also available
- Easily adjust filter settings depending on the working environment
- Printing, copying, archiving, and data transfer are easier with the ability to connect via Ethernet, USB, or RS-232 ports
- Industry-leading 5-year warranty



TT and TA Balances

Calibration: external with calibration mass

Weighing units: g, mg, kg, ct, lb, oz, ozt, dwt, tlh, tls, tlt, tlc, mom, gr, N, ti, baht, tola, msg, custom

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

Power: 100 to 240 VAC 50/60 Hz (universal power adapter included)

TA analytical balances



TT toploading balances

Capacity	Readability	Repeatability	Linearity	Pan size	Draft shield	Housing size (W x H x D)	Catalog number
TT toploading balances							
360 g	0.001 g	±0.001 g	±0.002 g	5 ¹ / ₁₆ " x 5 ¹ / ₁₆ " (12.8 x 12.8 cm)	Yes	8 ¹ / ₈ " x 6 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 16.8 x 33.3 cm)	ML-10102-15
600 g		±0.0015 g					ML-10102-16
1000 g		±0.0015 g					ML-10102-17
2100 g	0.01 g	±0.01 g	±0.02 g	7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (19.5 x 19.5 cm)	No	8 ¹ / ₈ " x 3 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 10 x 33.3 cm)	ML-10102-18
4500 g		±0.03 g					ML-10102-19
6000 g		±0.03 g					ML-10102-20
6000 g	0.1 g	±0.1 g	±0.3 g	7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (19.5 x 19.5 cm)	No	8 ¹ / ₈ " x 3 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 10 x 33.3 cm)	ML-10102-21
10,000 g		±0.08 g					ML-10102-22
TA analytical balances							
62 g	0.0001 g	±0.0001 g	±0.0002 g	3 ⁹ / ₁₆ " (9 cm)	Yes	8 ¹ / ₈ " x 13" x 13 ¹ / ₈ " (20.6 x 35.5 x 33.3 cm)	ML-10102-11
160 g				3 ¹⁵ / ₁₆ " (10 cm)			ML-10102-12
220 g				3 ¹⁵ / ₁₆ " (10 cm)			ML-10102-13
310 g				3 ¹⁵ / ₁₆ " (10 cm)			ML-10102-14

TT.C and TA.C Balances

Calibration: internal calibration and external with calibration mass

Weighing units: g, mg, kg, ct, lb, oz, ozt, dwt, tlh, tls, tlt, tlc, mom, gr, N, ti, baht, tola, msg, custom

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

Power: 100 to 240 VAC 50/60 Hz (universal power adapter included)

TA.C analytical balances



TT.C toploading balances

Capacity	Readability	Repeatability	Linearity	Pan size	Draft shield	Housing size (W x H x D)	Catalog number
TT.C toploading balances							
360 g	0.001 g	±0.001 g	±0.002 g	5 ¹ / ₁₆ " x 5 ¹ / ₁₆ " (12.8 x 12.8 cm)	Yes	8 ¹ / ₈ " x 6 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 16.8 x 33.3 cm)	ML-10102-04
600 g		±0.0015 g					ML-10102-05
1000 g		±0.0015 g					ML-10102-06
2100 g	0.01 g	±0.01 g	±0.02 g	7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (19.5 x 19.5 cm)	No	8 ¹ / ₈ " x 3 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 10 x 33.3 cm)	ML-10102-07
4500 g		±0.015 g					ML-10102-08
6000 g		±0.015 g					ML-10102-09
10,100 g	±0.015 g	±0.03 g	±0.03 g	7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (19.5 x 19.5 cm)	No	8 ¹ / ₈ " x 3 ¹ / ₁₆ " x 13 ¹ / ₈ " (20.6 x 10 x 33.3 cm)	ML-10102-10
TA.C analytical balances							
82/220 g	0.00001 g/ 0.0001 g	±0.0001 g	±0.0002 g	3 ⁹ / ₁₆ " (9 cm)	Yes	8 ¹ / ₈ " x 13" x 13 ¹ / ₈ " (20.6 x 35.5 x 33.3 cm)	ML-10102-00
160 g	0.0001 g	±0.0001 g	±0.0002 g	3 ¹⁵ / ₁₆ " (10 cm)	Yes		ML-10102-01
220 g							ML-10102-02
310 g							ML-10102-03

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. Pack of 3

- ML-10100-87 Density determination kit for analytical balances
- ML-10100-88 Density determination kit for models 10102-04, -05, -06
- ML-17101-52 NIST-traceable calibration with data for balances

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