

Cole-Parmer® Symmetry® Touch-Screen Ultra-Micro and Micro Balances



UMA-T Ultra-micro balance

MA-T micro balance

**INDUSTRY-LEADING
3-year warranty**

Even faster weighing at your fingertips

- Faster measurements and shorter stabilization time retaining high repeatability values
- Highest possible accuracy and repeatability with $sd < 1d$ combined with USP regulations conformity
- Color resistive touch-screen display lets you customize parameters to match your needs
- Go touchless and minimize cross-contamination—two programmable IR proximity sensors offer programmable touch-free balance control
- Motorized draft-shield doors[†] offer easy access to weighing pan
- Additional deionizer module in weighing chamber facilitates automatic detection and elimination of electrostatic effects
- 8 GB RAM—record complex reports or obtain time and statistic data diagrams on series of measurements
- USB, RS-232, Ethernet, and Wi-Fi interfaces
- Software features several databases; only authorized users can add/delete records and export/import/save data
- Safe to operate in laminar airflow cabinets and fume hoods

Cole-Parmer Symmetry touch-screen ultra-micro (UMA-T) and micro (MA-T) balances set a new standard for measurement quality. Accuracy and precision are at your fingertips with these state-of-the-art balances. To ensure the highest weighing accuracy, the balances have an internal automatic adjustment and an external adjustment. Built-in warning system visually and audibly alert when valid measuring results are at risk and need adjustments. All balances carry an industry-leading 3-year warranty.

[†]Excludes model 10100-26.

Specifications

Calibration: internal and external with calibration mass

Weighing units: g, mg, kg, ct, lb, oz, ozt, dwt, tlh, tls, tlt, mom, gr, N, ti

Stability indicator: yes

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

Housing size (W x H x D): 6⁷/₁₆" x 7¹/₄" x 16³/₁₆" (16.3 x 18.3 x 41.1 cm)

Power: 100 to 240 VAC (universal power adapter included)



UMA-T Ultra-micro balance



MA-T Micro balance

Additional Options

- Option available for pipette calibration (for model 10100-28)
- Optional wireless keypad makes it safe to use balance in different locations
- Optional ambient conditions module provides temperature, humidity and atmospheric pressure measurements

What's included: motorized draft shield, AC adapter, and power cord.

Series	Description	Capacity	Readability	Repeatability	Linearity	Pan size (dia)	Catalog number
UMA-T	Ultra-micro balance	2.1 g	0.1 µg	±0.1 µg	±1.5 µg	5/8" (1.6 cm)	ML-10100-23
MA-T	Micro balance	2.1 g	1 µg	±1 µg	±3 µg	5/8" (1.6 cm)	ML-10100-24
	Micro balance	5.1 g	1 µg	±1 µg	±5 µg	1 1/32" (2.6 cm)	ML-10100-25
	Micro balance for filters	5.1 g	1 µg	±1 µg	±5 µg	3 15/16" (10 cm)	ML-10100-26
	Micro balance	11 g	1 µg	±1 µg	±6 µg	1 1/32" (2.6 cm)	ML-10100-27
	Micro balance	21 g	1 µg	±1 µg	±7 µg	1 1/32" (2.6 cm)	ML-10100-28
	Micro balance for pipettes	21 g	1 µg	±1 µg	±7 µg	1 1/32" (2.6 cm)	ML-10100-29

Accessories

[ML-10100-83](#) Cable, RS-232 to USB

[ML-10100-84](#) Cable, RS-232 to printer

[ML-10100-85](#) Printer

[ML-10100-86](#) Printer paper

[ML-10100-94](#) Adapter for pipette calibration using micro balance 10100-28

[ML-10100-95](#) Optional wireless keypad, battery operated

[ML-10100-96](#) Pipette calibration PC software supports calibration of fixed- or adjustable-volume pipettes. For models 10100-28 and -29

[ML-10100-97](#) Ambient conditions module for measuring temperature, humidity, and atmospheric pressure

[ML-17101-52](#) NIST-traceable calibration with data for balances





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.