Cole-Parmer®

Cole-Parmer® Symmetry® Touch-Screen Moisture Balances

Precise moisture content analysis with just a touch

- 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
- Precise, fast mass measurement and proper drying temperature in all thermal conditions
- External calibration ensures accurate weighing
- Various heating modes with preset temperature provide one-button-touch for testing moisture content of different samples
- Drying process visualization—display drying process graph, bar graph for sample mass control or measured value preview
- Autotest GLP function quickly diagnoses weighing errors
- USB, RS-232, Ethernet, and Wi-Fi offers secure connection
- Software features several databases; only authorized users can add/delete records and export/import/print data

The Cole-Parmer Symmetry moisture balances are designed to precisely verify relative moisture and dry mass content in small samples of various substances, as well as determine the mass of weighed objects. The drying chamber provides quick, uniform sample drying and measurements; no mathematical calculations required. Whether you require complex measurements or have a typical application, we have a moisture balance for your need. Plus, the balances carry an industry-leading 3-year warranty.

Specifications

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

Stability indicator: yes

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

Housing size (W x H x D): 8⅛" x 7½" x 13⅛" (20.6 x 19.2 x 33.3 cm)

Power: 110 VAC, 60 Hz

What's included: five disposable aluminum pans and power cord.

Capacity	Readability	Repeatability	Heater type	Maximum temperature	Pan size (dia)	Catalog number
50 g	0.0001 g / 0.0001%	0.05% (sample weight of 2 g), 0.01% (sample weight of 10 g)	Halogen	320° F (160°C)	3½" (9 cm)	ML-10100-42
50 g	0.001 g / 0.001%	0.05% (sample weight of 2 g), 0.01% (sample weight of 10 g)				ML-10100-43
210 g	0.001 g / 0.001%	0.05% (sample weight of 2 g), 0.01% (sample weight of 10 g)				ML-10100-44

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-10100-98 **Disposable aluminum weigh pans.** Pack of 50
ML-10100-99 **Water vapor permeation determination kit.** Shortens permeability test time from 72 hours to 50 minutes
ML-17101-52 **NIST-traceable calibration** with data for balances

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