

NewClassic ML

Precise results

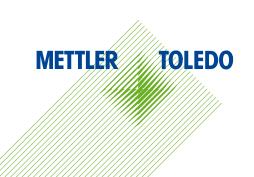
Compact and portable

Affordable – for all budgets



A Smart Choice

Swiss Weighing



A Smart Choice for all Budgets

Precise results, comfortable operation and portability in a compact design: Basic balances from NewClassic ML range are your convenient companion. We offer you METTLER TOLEDO quality and the best performance for your budget. For the first time METTLER TOLEDO implemented the proven and reliable MonoBloc weighing technology in portable balances — for precise results wherever you need

them. For added security, with just one keystroke adjust the balance using the internal adjustment weight. The streamlined and ridge-free design makes the balance easy to clean, and operating the balance is very simple, thanks to the intuitive keypad and brilliant display.

NewClassic ML balances offer Swiss precision on-the-go and are a smart choice in any situation.

Precise results



Results matter, which is why every METTLER TOLEDO balance is built to deliver the precise results you need.

Compact and portable



With or without power supply – every model from the NewClassic ML range can be battery or AC operated. Giving you always access to many applications and precise results.

Affordable – for all budgets



Your investment in a NewClassic ML balance will pay itself off: METTLER TOLEDO quality withstands the most demanding requirements



Mobile precision pays off

Compact BalanceMultiple Possibilities

With its wide range of applications you will discover the compact NewClassic balance to be a comfortable all-rounder, delivering precise results in every environment: In laboratories, warehouses, classrooms or in field work. The straightforward and intuitive user guidance makes using the applications extremely easy:

- Count quickly anything you need with Piece Counting: nails, bolts, pills, even paper sheets or envelopes;
- Check your sample weight against a preset target with Check Weighing;

- Recall the most recent stable weight – for extra security in data transcription;
- Calculate the volume of your liquids based on weight with FreeFactor;
- Analyze with Statistics the results of weighing data;
- Trace your data with the built-in Time and Date function.

Discover the advantages for yourself and check out also Percent Weighing, Dynamic Weighing, Formulation or Totaling.

Your benefits



MonoBloc and Adjustment inside

With the internal adjustment weight adjust your balance with just one keystroke. Enjoy guaranteed precise and reliable results, and a long service life thanks to the proven high-performance MonoBloc weighing cell.



Direct Connection

Connect your balance to a PC via the RS232 slot, and transfer you weighing results to open programs such as Excel. The transfer starts automatically, no additional software is required.



Brilliant backlit Display

Read the numbers and symbols easily and accurately on the brilliant backlit display, even under extreme lighting conditions



Wide range of applications



Reference controlConveniently monitor deviations from the reference weight



InventoryDetermine quickly article quantities based on piece counting



Quality controlCarry out random quality checks on receipt of goods



Field workPerform weighing taskts on-site thanks to battery operation

Discover the unlimited possibilities with NewClassic ML

The Trilogy for Easy Weighing: Product, Service and Accessories

Service



World's largest service network
Get access to the METTLER TOLEDO
worldwide network of local service
and training: our 2500 experienced
service technicians provide you with
professional support in an efficient
manner.



Installation & calibration

Take advantage of the METTLER

TOLEDO modular selection of standard service agreements, guaranteeing optimal performance and reliable results.



Self-maintenance setsAchieve sustained balance uptime with customized weights and Standard Operating Procedures (SOP).

Accessories



Archive your data
Archive your weighing data results
with METTER TOLEDO compact
printers: RS-P25 for simple printouts,
RS-P26 with integrated real-time
and date, or RS-P28 for advanced
statistics.



Anti-theft device
Steel cord with universal lock for securing the balance.



LabX direct BalancePC Software for easy data transfer to standard computer programs (e.g. Excel).

Highlights:



Proven weighing technology for fast and accurate results



Adjustment at a keystroke with an internal weight



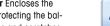
Diagnostics Easy running of balance diagnostics test e.g. keypad test, repeatability test



Connectivity RS232 interface for connection to PC or printer. No additional software needed



OIML Approved versions of all models available





Applications Piece Counting, Percent Weighing, Check Weighing, Dynamic Weighing, Statistics



Overload Protection

Battery Operation

supply for 8 hours

Protects the weighing cell against excess weight overload

Full independence from power



Protective Cover Encloses the entire housing protecting the balances from stains and scratches

NewClassic ML Balances With Internal Adjustment









Readability	Model	Capacity	Weighing technology	Repeatability	Linearity	Pan (mm)	Balance dimensions (LxWxH mm)
0.1 mg	ML54	52 g	MonoBloc	0.1 mg	0.2 mg	Ø 90	290x193x331
	ML104	120 g	MonoBloc	0.1 mg	0.2 mg	Ø 90	290x193x331
	ML204	220 g	MonoBloc	0.1 mg	0.2 mg	Ø 90	290x193x331
0.001 g	ML203	220 g	MonoBloc	0.001 g	0.002 g	Ø 120	290x193x331
	ML303	320 g	MonoBloc	0.001 g	0.002 g	Ø 120	290x193x331
	ML503	520 g	MonoBloc	0.001 g	0.002 g	Ø 120	290x193x331
0.01 g	ML802	820 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
	ML1602	1620 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
	ML3002	3200 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
	ML4002	4200 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
0.1 g	ML2001	2200 g	MonoBloc	0.1 g	0.2 g	170x190	290x184x84
	ML4001	4200 g	MonoBloc	0.1 g	0.2 g	170x190	290x184x84
	ML6001	6200 g	MonoBloc	0.1 g	0.2 g	170x190	290x184x84

NewClassic ML Balances With External Adjustment







Readability	Model	Capacity	Weighing technology	Repeatability	Linearity	Pan (mm)	Balance dimensions (LxWxH mm)
0.001 g	ML203E	220 g	MonoBloc	0.001 g	0.002 g	Ø 120	290x184x188
	ML303E	320 g	MonoBloc	0.001 g	0.002 g	Ø 120	290x184x188
0.01 g	ML802E	820 g	Strain Gauge	0.01 g	0.02 g	Ø 160	290x184x84
	ML1502E	1520 g	Strain Gauge	0.01 g	0.02 g	Ø 160	290x184x84
	ML3002E	3200 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
	ML4002E	4200 g	MonoBloc	0.01 g	0.02 g	170x190	290x184x84
0.1 g	ML6001E	6200 g	Strain Gauge	0.1 g	0.2 g	Ø 160	290x184x84

Take the Direct Route

to Your New Balance

Visit our virtual showroom at www.mt.com/newclassic to find out more about the NewClassic range. Take a closer look at the balances, download technical information, and get a feel for the many new functions designed to make the weighing process easier and more enjoyable. You can also use our QuickSearch or Assistant Wizard to identify the right balance for your requirements in just a few easy clicks.



www.mt.com/newclassic.

For more information



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Good Weighing Practice™

The global weighing guideline $\mathsf{GWP}^{\tiny\textcircled{\tiny{\$}}}$ reduces risks associated with your weighing processes and helps to

- choose the appropriate balance
- reduce costs by optimizing testing procedures
- comply with the most common regulatory requirements