Classic Balances

NewClassic ML

Precise results

Compact and portable

Affordable – for all budgets

A Smart Choice
Swiss Weighing

METTLER TOLEDO

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 Balance
Multiple 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.
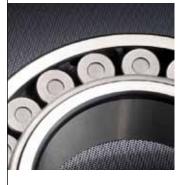

Brilliant backlit Display
Read the numbers and symbols easily and accurately on the brilliant backlit display, even under extreme lighting conditions.

Wide range of applications

Reference control
Conveniently monitor deviations from the reference weight

Inventory
Determine quickly article quantities based on piece counting

Quality control
Carry out random quality checks on receipt of goods

Field work
Perform 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 sets
Achieve 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.

Draft Shield for Precision Balances
Fits METTLER TOLEDO precision balances, and protects the balance against air conditioning and turbulence.

Density Kit
Density determination becomes easy with METTLER TOLEDO's density kit for analytical and precision balances.

Highlights:

MonoBloc Proven weighing technology for fast and accurate results

Battery Operation Full independence from power supply for 8 hours

Overload Protection Protects the weighing cell against excess weight overload

Adjustment at a keystroke with an internal weight

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

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

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

SmartTrac Shows how much of the entire weighing range has been used

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

NewClassic ML Balances With Internal Adjustment

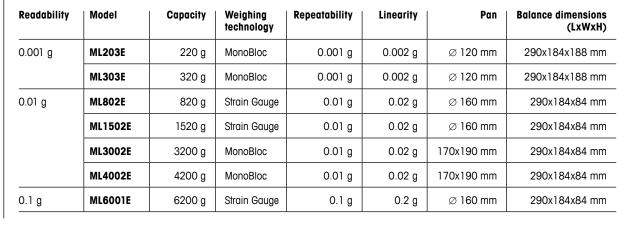| Readability	Model	Capacity	Weighing technology	Repeatability	Linearity	Pan	Balance dimensions (LxWxH)
0.1 mg	**ML54**	52 g	MonoBloc	0.1 mg	0.2 mg	⌀ 90 mm	290x193x331 mm
	ML104	120 g	MonoBloc	0.1 mg	0.2 mg	⌀ 90 mm	290x193x331 mm
	ML204	220 g	MonoBloc	0.1 mg	0.2 mg	⌀ 90 mm	290x193x331 mm
0.001 g	**ML203**	220 g	MonoBloc	0.001 g	0.002 g	⌀ 120 mm	290x193x331 mm
	ML303	320 g	MonoBloc	0.001 g	0.002 g	⌀ 120 mm	290x193x331 mm
	ML503	520 g	MonoBloc	0.001 g	0.002 g	⌀ 120 mm	290x193x331 mm
0.01 g	**ML802**	820 g	MonoBloc	0.01 g	0.02 g	170x190 mm	290x184x84 mm
	ML1602	1620 g	MonoBloc	0.01 g	0.02 g	170x190 mm	290x184x84 mm
	ML3002	3200 g	MonoBloc	0.01 g	0.02 g	170x190 mm	290x184x84 mm
	ML4002	4200 g	MonoBloc	0.01 g	0.02 g	170x190 mm	290x184x84 mm
	ML6002	6200 g	MonoBloc	0.01 g	0.02 g	170x190 mm	290x184x84 mm
0.1 g	**ML2001**	2200 g	MonoBloc	0.1 g	0.2 g	170x190 mm	290x184x84 mm
	ML4001	4200 g	MonoBloc	0.1 g	0.2 g	170x190 mm	290x184x84 mm
	ML6001	6200 g	MonoBloc	0.1 g	0.2 g	170x190 mm	290x184x84 mm

NewClassic ML Balances With External Adjustment

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

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

ISO 9001 registered

ISO 14001 registered

CE

GWP®
Good Weighing Practice™

The global weighing guideline GWP® 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

▶ **www.mt.com/GWP**