# 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.



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



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

## 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

**OIML** Approved versions of all models available

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

## 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 | ⌀ 90 | 290x193x331 |
| | ML104 | 120 g | MonoBloc | 0.1 mg | 0.2 mg | ⌀ 90 | 290x193x331 |
| | ML204 | 220 g | MonoBloc | 0.1 mg | 0.2 mg | ⌀ 90 | 290x193x331 |
| 0.001 g | ML203 | 220 g | MonoBloc | 0.001 g | 0.002 g | ⌀ 120 | 290x193x331 |
| | ML303 | 320 g | MonoBloc | 0.001 g | 0.002 g | ⌀ 120 | 290x193x331 |
| | ML503 | 520 g | MonoBloc | 0.001 g | 0.002 g | ⌀ 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 | ⌀ 120 | 290x184x188 |
| | ML303E | 320 g | MonoBloc | 0.001 g | 0.002 g | ⌀ 120 | 290x184x188 |
| 0.01 g | ML802E | 820 g | Strain Gauge | 0.01 g | 0.02 g | ⌀ 160 | 290x184x84 |
| | ML1502E | 1520 g | Strain Gauge | 0.01 g | 0.02 g | ⌀ 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 | ⌀ 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

**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**