



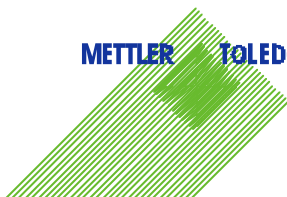
Classic Balances
from METTLER TOLEDO

- Accurate
- Easy to use
- Reliable

That's the weigh!

Simply accurate











METTLER TOLEDO



Free your mind

Changes in temperature have a direct influence on the accuracy of your weighing results. Although we cannot alter physics, with FACT we can eliminate these influences automatically – and free your mind for more important tasks. With Classic Plus balances from METTLER TOLEDO weighing becomes as worry-free as can be, leaving you sure of one thing: accurate results, in any climate.

All balances offer the following:

-  High-grade chemical-resistant die-cast aluminium housing reliably protects the weighing cell and electronics.
-  Protective cover encloses the entire housing preventing damage to the balance.
-  Brilliant backlit display (except 0.01 mg models).
-  Weighing process adapter with four different settings assures optimal weighing performance even in difficult environments.
-  Easy-to-use application programs built-in as standard:
 - Piece counting with simple reference selection
 - % weighing
 - Dynamic weighing with automatic or manual start
-  Weighing results in different units: kg, g, mg, lb, oz, ozt, GN, dwt, mo, m, tl.
-  Standard RS232C interface for connection to PC or LC-P45 printer.
-  Adjustment of balances for accurate results at all times.
-  Hook for weighing below the balance.
-  **Certified versions of all models available**





Accurate

Our Classic Plus balances feature FACT, the Fully Automatic Calibration Technology from METTLER TOLEDO. FACT automatically initiates the adjustment of your balance with internal weights whenever temperature changes risk affecting the accuracy of your weighing results. You benefit twice: firstly, you are sure that your measurements are accurate under all conditions and, secondly, FACT saves you time and worry because you can forget those time-consuming checks using external weights or a manually-triggered internal adjustment.

Easy to use

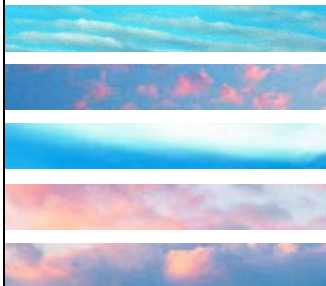
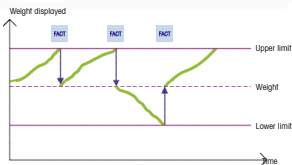
The clear menu with easy-to-use application programs, a brilliant backlit display and simple cleaning make these balances ideal to work with every day.

Reliable

All Classic Level balances are designed for a long service life. Rugged metal housing, durable sensor keys and overload protection guarantee strong performance in laboratories as well as in harsh industrial environments.

FACT

Temperature changes influence the accuracy of the weighing result. FACT adjusts the balance automatically any time the sensor detects a value above or below the permissible tolerance limits.



Our line-up, your choice



Classic Plus

Readability	Max. capacity	Model	Calibration	MonoBloc	Repeatability	Linearity	Weighing pan (mm)	
0.01 mg	31 g/120 g ¹⁾	AB135-S/FACT	FACT	■	0.03 mg/0.1 mg	0.2 mg	∅ 80	
	61 g/220 g ¹⁾	AB265-S/FACT	FACT	■	0.01 mg/0.1 mg	0.2 mg		
0.1 mg	51 g	AB54-S/FACT	FACT	■	0.1 mg	0.2 mg		
	110 g	AB104-S/FACT	FACT	■	0.1 mg	0.2 mg		
	220 g	AB204-S/FACT	FACT	■	0.1 mg	0.2 mg		
	320 g	AB304-S/FACT	FACT	■	0.1 mg	0.4 mg		
0.001 g	151 g	PB153-S/FACT	FACT	■	0.001 g	0.002 g		∅ 100
	310 g	PB303-S/FACT	FACT	■	0.001 g	0.002 g		
	60 g/310 g ²⁾	PB303-SDR/FACT	FACT	■	0.001 g/0.008 g	0.01 g		
	410 g	PB403-S/FACT	FACT	■	0.001 g	0.002 g		
	510 g	PB503-S/FACT	FACT	■	0.001 g	0.002 g		
0.01 g	610 g	PB602-S/FACT	FACT	■	0.01 g	0.02 g	∅ 180	
	1510 g	PB1502-S/FACT	FACT	■	0.01 g	0.02 g		
	3100 g	PB3002-S/FACT	FACT	■	0.01 g	0.02 g		
	600 g/3100 g ²⁾	PB3002-SDR/FACT	FACT	■	0.01 g/0.08 g	0.1 g		
	4100 g	PB4002-S/FACT	FACT	■	0.01 g	0.02 g		
0.1 g	1510 g	PB1501-S/FACT	FACT	■	0.08 g	0.1 g	180 x 180	
	3100 g	PB3001-S/FACT	FACT	■	0.08 g	0.1 g		
	5100 g	PB5001-S/FACT	FACT	■	0.08 g	0.1 g		
	8100 g	PB8001-S/FACT	FACT	■	0.08 g	0.1 g		
1 g	8100 g	PB8000-S/FACT	FACT	■	0.8 g	1 g		

Classic



Readability	Max. capacity	Model	Calibration	MonoBloc	Repeatability	Linearity	Weighing pan (mm)
0.1 g	8100 g	SB8001	Cal Ext	■	0.1 g	0.2 g	349 x 232
	12100 g	SB12001	Cal Ext	■	0.1 g	0.3 g	
	16100 g	SB16001	Cal Ext	■	0.1 g	0.3 g	
	3200 g/16100 g ²⁾	SB16001DR	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
	4800 g/24100 g ²⁾	SB24001DR	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
	6400 g/32100 g ²⁾	SB32001DR	Cal Ext	■	0.1 g/0.5 g	0.3 g/0.5 g	
1 g	8100 g	SB8000	Cal Ext	■	0.5 g	0.5 g	
	12100 g	SB12000	Cal Ext	■	0.5 g	0.5 g	
	32100 g	SB32000	Cal Ext	■	0.5 g	0.5 g	

FACT

Fully automatic adjustment with an internal weight

Cal Int

Adjustment at a keystroke with an internal weight

Cal Ext

Adjustment with external weights

¹⁾ **Dust Range**

Fine range from 0–28% of the weighing range, depending on the model

²⁾ **Dallo Range**

Ten times higher readability over the entire weighing range of a keystroke. Depending on the model, this fine range covers up to 20% of the coarse range

MonoBloc
inno

MonoBloc weighing technology for fast and accurate results

**What always counts:
Simple design and extremely rugged
construction for an exceptionally long life.**

ServiceXXL
Tailored Services

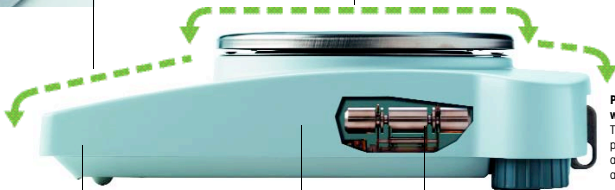
Service tailored to your needs

Benefit from the many years of METTLER TOLEDO experience and global knowledge. We offer reliability and long life for your balance. A service which quickly pays for itself.

Find more information at www.mt.com/service



Rugged sensor keys
Practically non-wearing, especially easy to clean.



Protection guaranteed
Upper and lower housing is made of chemical-resistant die-cast aluminium. Additional protection is provided by the in-use cover.

Built-in adjustment weight
All models (except PB-L) are equipped with an internal adjustment weight.

Protected plug with interfaces
The housing reliably protects the AC adapter and RS232C port against spill samples.



Tough stuff
Built-in shock and overload protection for durability without compromise.



High-performance weighing
MonoBloc weighing technology for fast and accurate results.

Accessories for Classic balances from METTLER TOLEDO make specific applications even easier.



Density determination
Kit for density determination of solid
bodies on AB-S balances.
Part number: 33360



Anti-theft device
Steel cord with lock
secures the balance.
Part number: 590101



Auxiliary display
See the results wherever
you need them.
Part number: 224200



B-S AccuPac
For portable weighing.
Rechargeable external
power pack for up to
18 hours of operation.
Part number: 21254691



LC-P45 printer

Automatically records date and time for
GMP/GLP/ISO compliant report printouts, in sev-
eral languages (English, German, French, Italian or
Spanish). Besides supporting all balance
applications, the LC-P45 features its own built-in
applications:

- Statistical functions
 - Results totalling
 - Multiplication and division
- Part number: 229119

Weights

Cylindrical weight with knob
Wire weight
Nominal value 1 mg–50 kg
Find more information at
www.mt.com/weights



Excellence Plus **XP**



Excellence **XS**

If your balance is used in a regulated
environment or if the emphasis is on
productivity, we recommend balances
from our Excellence Level.
You will find further information at
www.mt.com



Quality certificate ISO 9001
Environment certificate ISO 14001
Internet: <http://www.mt.com>

Mettler-Toledo, Inc., 1900 Polaris Parkway, Columbus, Ohio 43240
Tel: (800) METTLER • (800) 638-8537 • Fax: (614) 438-4525
Internet: <http://www.mt.com> • Email: TellMeMore@mt.com