

Simply weigh with the Classic balances from METTLER TOLEDO: precisely and reliably every time.

- Metal housing for long life
- Compact design
- Easy operation thanks to clear menu
- Internal adjustment weight for precise results

All balances have the following performance features:

- METAL** High-grade chemical-resistant diecast aluminum housing reliably protects the weighing cell and electronics.
- Protective cover encloses the entire housing prevents damage to the balance.
- Brilliant backlit display (models AB265-S and AB135-S not backlit).

- Weighing process adapter with four different settings allows optimal use of the balance even in difficult environments.

- A** 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: g, mg, lb, oz, ozt, GN, dwt, mo, m, tl.

- RS 232** Standard RS232C interface for connection to PC or LC-P45 printer.

- Adjustment of a frequently used weighing range with external weights.

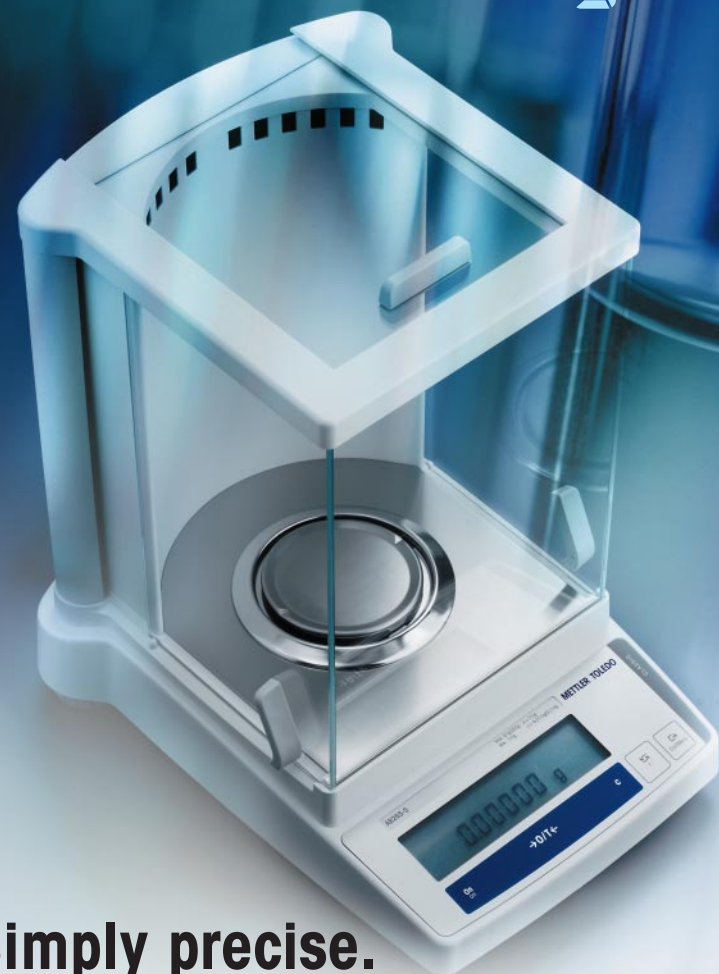
- Hook for weighing below the balance.

Certified versions of all models available.

AB-S analytical balances

0.01 mg and 0.1 mg readability

60.55555 g



Simply precise.

For weighing or counting small parts, the AB265-S and AB135-S have a DualRange fine range with a readability of 0.01 mg.

The additional performance features of the AB-S:

- Cal Int** Automatic adjustment at a keystroke with internal weight to ensure high accuracy at all times.

- Glass draft shield with sliding doors. Free access from right, left and above. Effective height: 237 mm

Model	Readability	Max. capac.	Repeatability	Linearity
AB265-S	0.01/0.1 mg	61/220 g	0.03 mg/0.1 mg	0.2 mg*
AB135-S	0.01/0.1 mg	31/120 g	0.03 mg/0.1 mg	0.2 mg*
AB304-S	0.1 mg	320 g	0.1 mg	0.4 mg
AB204-S	0.1 mg	220 g	0.1 mg	0.2 mg
AB104-S	0.1 mg	110 g	0.1 mg	0.2 mg
AB54-S	0.1 mg	51 g	0.1 mg	0.2 mg

* Typical for a 10 g weighing in fine range ±0.03 mg

Weighing pan Ø 80 mm
Dimensions: 245 x 321 x 344 (W x D x H)

PB-S precision balances

0.001 g readability

500.3333 g



Simply clean.

Thanks to removable side panels you can clean the glass draft shield within seconds.

The additional performance features of the PB-S:

- Cal Int** **New:** Automatic adjustment at a keystroke with internal weight guarantees the high accuracy of 0.001 g models at all times.

- Glass draft shield with sliding doors. Free access from right, left and above. Effective height: 165 mm

- Delta Range** Ten-times higher readability over the entire weighing range at a keystroke. Depending on the model, this fine range covers up to 40% of the coarse range.

Model	Readability	Max. capac.	Repeatability	Linearity
PB503-S	0.001 g	510 g	0.001 g	0.002 g
PB403-S	0.001 g	410 g	0.001 g	0.002 g
PB303-S	0.001 g	310 g	0.001 g	0.002 g
PB303-S DeltaRange	0.001/0.01 g	60/310 g	0.001/0.008 g	0.01 g
PB153-S	0.001 g	151 g	0.001 g	0.002 g

Weighing pan Ø 100 mm
Dimensions: 245 x 321 x 236 (W x D x H)

PB-S precision balances

0.01 g readability

4000.22 g



Simply accurate.

The internal adjustment weight for all AB-S and PB-S with a readability of 0.01 g eliminates handling external weights.

The additional performance characteristics of the PB-S:

- Cal Int** **New:** Automatic adjustment at a keystroke with internal weight guarantees high accuracy of 0.01 g models at all times.

- Delta Range** Ten-times higher readability over the entire weighing range at a keystroke. Depending on the model, this fine range covers up to 40% of the coarse range.

Model	Readability	Max. capac.	Repeatability	Linearity
PB4002-S	0.01 g	4100 g	0.01 g	0.02 g
PB3002-S	0.01 g	3100 g	0.01 g	0.02 g
PB3002-S DeltaRange	0.01/0.1 g	600/3100 g	0.01/0.08 g	0.1 g
PB1502-S	0.01 g	1510 g	0.01 g	0.02 g
PB602-S	0.01 g	610 g	0.01 g	0.02 g

Weighing pan Ø 180 mm
Dimensions: 245 x 321 x 89 (W x D x H)

PB-S precision balances

0.1 g and 1 g readability

8000.1 g



Simply readable.

The extremely high-contrast backlit of the display ensures results are easy to read even under unfavorable light conditions.

The additional performance characteristics of the PB-S:

Model	Readability	Max. capac.	Repeatability	Linearity
PB8001-S	0.1 g	8100 g	0.08 g	0.1 g
PB5001-S	0.1 g	5100 g	0.08 g	0.1 g
PB3001-S	0.1 g	3100 g	0.08 g	0.1 g
PB1501-S	0.1 g	1510 g	0.08 g	0.1 g
PB8000-S	1 g	8100 g	0.8 g	1 g

Weighing pan Ø 180 mm
Dimensions: 245 x 321 x 89 (W x D x H)

High-capacity SB precision balances

0.1 g and 1 g readability

32000 g



Simply tough.

The rugged weighing pan extends over the entire balance housing. The very flat construction makes placing large and heavy containers on the weighing pan simple.

The additional performance characteristics of the SB:

- Delta Range** Ten-times higher readability over the entire weighing range at a keystroke. Depending on the model, this fine range covers up to 40% of the coarse range.

Model	Readability	Max. capacity	Repeatability	Linearity
SB32001 DeltaRange	0.1/1 g	6400/32100 g	0.1/0.5 g	0.3/0.5 g
SB16001	0.1 g	16100 g	0.1 g	0.3 g
SB16001 DeltaRange	0.1/1 g	3200/16100 g	0.1/0.5 g	0.3/0.5 g
SB12001	0.1 g	12100 g	0.1 g	0.3 g
SB8001	0.1 g	8100 g	0.1 g	0.2 g
SB32000	1 g	32100 g	1 g	0.5 g
SB16000	1 g	16100 g	1 g	0.5 g
SB8000	1 g	8100 g	1 g	0.5 g

Weighing pan 349 x 232 mm
Dimensions: 381 x 321 x 92 (W x D x H)

Accessories for the 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



B-S AccuPac

For portable weighing. Rechargeable external power pack for 15 to 18 hours operation. Part number: 21254691

Antitheft device



Steel cord with lock secures the balance. Part number: 590101

Pouring beaker

Stainless steel. Ideal for piece counting.



15020 43851

Part no.	Volume cm ³	∅ (top/base)	Height in mm	Tare in g
15020	230	96/76	40	50
43851	-	58	17	15
1153	-	86	25	35



LC-P45 printer

Printer with GMP/GLP/ISO-compliant report printouts as well as built-in applications such as:

- Statistical functions
- Results totaling
- Multiplication and division

Ideal together with Classic balances when you have to report weighing results.

Reports with built-in application programs:

- GMP/GLP/ISO-compliant reports
- Piece counting
- Dynamic weighing
- % weighing

Part number: 229119



What always simply counts

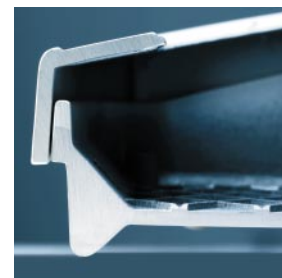
Well thought-out and extremely rugged construction for an exceptionally long life



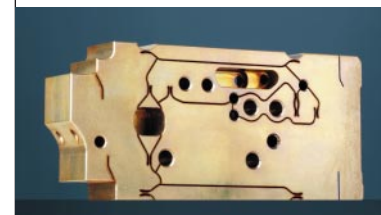
Service package. Tailored to your needs. Benefit from the many years of METTLER TOLEDO experience and global knowledge. We offer reliability and long life for your balance. A service which quickly pays for itself.



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



Impact- and chemical-resistant housing. Upper and lower housing made from 2 mm thick diecast aluminum guarantees long life. Additional protection against damage and wear is provided by the chemical-resistant cover.



Built-in adjustment weight. All AB-S and PB-S models with a readability up to and including 0.01 g are fitted with an internal adjustment weight.

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

High-performance weighing technology. All PB-S and SB are equipped with Mono-Bloc weighing technology with permanent shock protection and built-in overload protection.



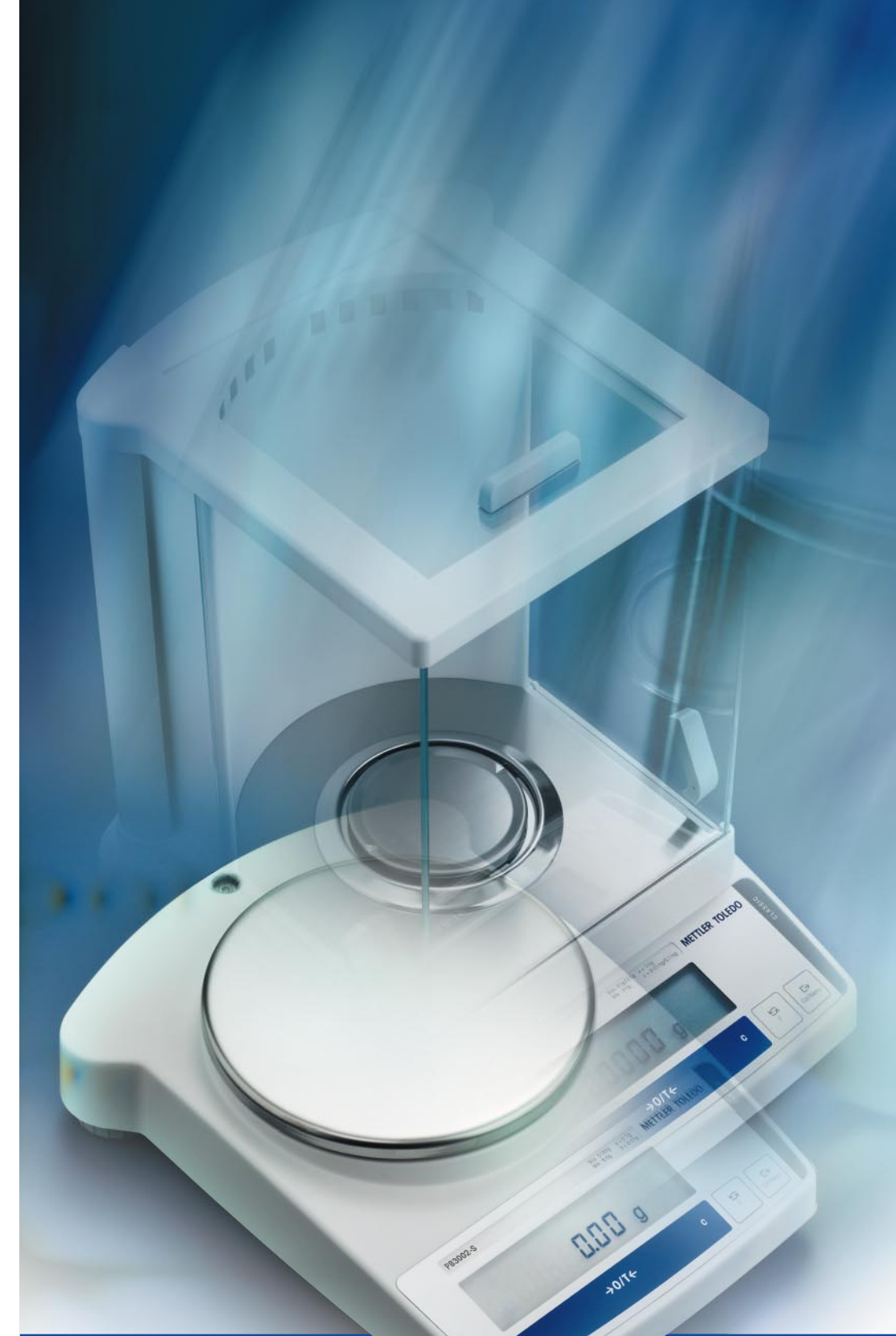
Excellence Plus XP



Excellence XS

If your balance is going to be used in regulated areas, or if the emphasis is on process security, we recommend balance models from our new Excellence XS and Excellence Plus XP range.

You will find further information at www.mt.com.



Simply weigh

AB-S, PB-S and SB
Classic balances from METTLER TOLEDO

Reliable
Rugged
Durable

That's the weigh!