

LA Balances

Simple and Affordable



Everything You Need

These straightforward, quality balances are perfect for when you have simple weighing tasks and want accurate results you can rely on.



Reliable Performance

With no compromise on quality, the precise load cell delivers fast results you can trust.



3 Built-in Applications

In addition to simple weighing, these balances offer built-in weighing methods for piece counting and dynamic weighing.



Affordable Quality

Trust in METTLER TOLEDO quality for reliable performance and a long balance lifetime, together ensuring an overall low cost of ownership.



Simple Balances

You Can Rely On

Make the most of your budget with these entry-level balances that offer just what you need for your basic weighing tasks, with the added benefit of METTLER TOLEDO quality and reliability.

The built-in applications perform results calculations automatically, helping to ensure consistent processes and minimize errors. It's also simple to connect your balance to a printer, secondary display, or a computer, making your results documentation fast and error-free.

Technical Specifications



	LA84E	LA104E	LA204E
Limit values			
Capacity	82 g	120 g	220 g
Readability	0.1 mg	0.1 mg	0.1 mg
Repeatability (at 5% load)	0.1 mg	0.1 mg	0.1 mg
Linearity deviation	0.2 mg	0.2 mg	0.2 mg
Typical values			
Repeatability (at 5% load)	0.08 mg	0.08 mg	0.08 mg
Linearity deviation	0.08 mg	0.08 mg	0.08 mg
Minimum weight (USP, tolerance = 0.10%) ▼	160 mg	160 mg	160 mg
Minimum weight (tolerance = 1%) ▼	16 mg	16 mg	16 mg
Settling time	3 s	3 s	3 s
Dimensions and other specifications			
Balance dimensions (W × D × H)	210 × 308 × 345 mm	210 × 308 × 345 mm	210 × 308 × 345 mm
Weighing pan diameter	80 mm	80 mm	80 mm
▲ after adjustment with internal weight			
▼ determined at 5% load, k = 2			



	LA203E	LA403E	LA2002E	LA4002E
Limit values				
Capacity	220 g	420 g	2200 g	4200 g
Readability	1 mg	1 mg	10 mg	10 mg
Repeatability (at 5% load)	1 mg	1 mg	10 mg	10 mg
Linearity deviation	2 mg	2 mg	20 mg	20 mg
Typical values				
Repeatability (at 5% load)	0.7 mg	0.7 mg	7 mg	7 mg
Linearity deviation	0.6 mg	0.6 mg	6 mg	6 mg
Minimum weight (USP, tolerance = 0.10%) ▼	1.4 g	1.4 g	14 g	14 g
Minimum weight (tolerance = 1%) ▼	0.14 g	0.14 g	1.4 g	1.4 g
Settling time	3 s	3 s	3 s	3 s
Dimensions and other specifications				
Balance dimensions (W × D × H)	210 × 308 × 280 mm	210 × 308 × 280 mm	200 × 308 × 102 mm	200 × 308 × 102 mm
Weighing pan diameter	100 mm	100 mm	180 mm	180 mm
▲ after adjustment with internal weight				
▼ determined at 5% load, k = 2				



Features

Performance

- Electromagnetic Force Compensation (EMFC) weighing cell
- Adjustment with external weights

Efficient Operation

- Bright backlit LCD display
- 3 built-in applications
- Front level indicator
- Hook for weighing below the balance

Quality Assurance

- Overload protection
- Metal base, ABS top housing
- Settings protection

Data Management

- RS232 interface
- Bluetooth option
- Transfer weight function for easy data transfer
- MT-SICS
- EasyDirect Balance software

Accessories

Enhance performance, improve ergonomics, and handle your data efficiently with our wide range of accessories, including EasyDirect Balance data management software, printers, and weights.

For further information on accessories, please visit our web page.

► www.mt.com/lab-accessories



Mettler-Toledo GmbH
Im Langacher 44
8606 Greifensee, Switzerland
www.mt.com/contact

Subject to technical changes.
© 01/2024 METTLER TOLEDO. All rights reserved.
30839982A en
Group Marketing

www.mt.com/LA-balances

For more information



30839982