

PL-E Precision Balances

Compact and Portable



Tough and Lightweight Design

Lightweight yet solidly built, with a precise load cell guaranteeing accurate results. Vibration-resistant design for high performance on temporary work surfaces and in the field.



Backlit LCD display

Attractive and featuring large, illuminated digits for legibility under any light conditions. An easily understood user interface also gives access to 9 built-in applications for multi-purpose flexibility.



Built to Last

These tough balances have a scratch-resistant stainless steel weighing pan and smooth, easy-clean surfaces. Overload protection safeguards the balance in use so you can rely on great performance day after day.



Battery Operation

Handily shaped, with a space-saving footprint that fits on the smallest benches. Every PL-E model can be DC or battery operated, making the balance ideal for work whenever power supply is hard to find.



Strong and Lightweight For Weighing Anywhere

PL-E portable precision balances offer dependable, go-anywhere weighing. All models feature clear, bright displays. Resilient, compact and lightweight, they are the ideal solution for accurate results in limited spaces. A stackable cover facilitates fuss-free storage. 9 built-in applications add versatility to this range of practical, mobile all-rounders.

PL-E Portable Balances

Balance model	PL202E*	PL602E	PL1002E	PL1502E	PL6001E
Limit values					
Readability	10 mg	10 mg	10 mg	10 mg	100 mg
Capacity	220 g	620 g	1,020 g	1,520 g	6,200 g
Nominal load	200 g	600 g	1,000 g	1,500 g	6,000 g
Repeatability (at 5% load)	10 mg	10 mg	10 mg	10 mg	100 mg
Linearity deviation	20 mg	20 mg	20 mg	20 mg	200 mg
Adjustment	External	External	External	External	External
Typical values					
Repeatability (at 5% load)	7 mg	7 mg	7 mg	7 mg	70 mg
Linearity deviation	15 mg	15 mg	15 mg	15 mg	150 mg
Minimum weight (tolerance = 1%) ¹⁾	1.4 g	1.4 g	1.4 g	1.4 g	14 g
Minimum weight (USP, tolerance = 0.10%) ¹⁾	14 g	14 g	14 g	14 g	140 g
Settling time	2 s	2 s	2 s	2 s	1.5 s
Dimensions					
Balance size (W x D x H), (mm)	194 x 225 x 67	194 x 225 x 67	194 x 225 x 67	194 x 225 x 67	194 x 225 x 67
Weighing pan size (mm)	∅ 160	∅ 160	∅ 160	∅ 160	∅ 160

¹⁾ Determined at 5% load, k = 2

* available only in selected countries



Features

Accurate Results	Adjustment with external weights
	Bright backlit LCD display
	Battery operation
Efficient Operation	Hook for weighing below the balance
	Secondary display option
	16 weighing units
Quality	Overload protection
	Cover for easy storage and transport
	Stainless steel weighing pan
	Small footprint
Connectivity	RS232 interface
	Bluetooth option
	Built-in PC Direct function for easy data transfer

Embedded Applications

- Formulation
- Totaling
- Dynamic weighing
- Piece counting
- Percent weighing
- Check weighing
- Statistics
- Division factor weighing
- Multiple factor weighing

Selected Accessories



RS-P26 Printer
Ensure accurate documentation.



Auxiliary Display
Large digits and a wide angle for easy viewing.



Bluetooth Adapter
Simply plug in to send data wirelessly.



Protective Cover
Extra protection against dust and dirt.



CarePac® Test Weights
Efficient balance testing with just two weights ensures ongoing accuracy.



Balance Cover
Ideal for storing your balance. Can be stacked up to 5 high.



Transport Case
Protect your balance during transportation.

www.mt.com/ple-precision

For more information

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Laboratory Weighing
Local contact: www.mt.com/contact

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