

## Full of features, the PB-100 Is a great choice for affordable and easy weighing



Cole Parmer PB-100 portable toploading balances are ideal for lab work, educational, and industrial applications. Key features include a rechargeable battery, RS-232 connection, and a capacity tracking to monitor overloads. The sturdy ABS housing allows the PB-100 to stand up to demanding daily use.

### Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to “always on,” “always off” or “light only when weighing”
- Capacity tracker built into display for easily monitoring possible overloads
- Balances stack efficiently and safely to save space (120mm pan size only)
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Dual tare keys facilitate operation with either the left or right hand
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Security slot for optional Kensington-type lock and cable to help prevent theft
- Large, grade 304 stainless steel pan allows easy cleaning
- Solid ABS housing is durable for industrial uses
- Hook included for weighing below the balance
- Internal calibration eliminates need for external weight set
- RS-232 interfaces provide speedy communication with computers and printers
- Audible overload alarm warns when capacity has been exceeded
- External calibration allows for verification and adjustment with weights
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Parts counting with preset sample sizes
- Memory accumulation totals results
- Zero-tracking feature ensures display returns to zero reading
- AC adapter included
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

### Applications

- Weighing
- Parts counting
- Percentage weighing
- Accumulation of weight

### About Cole-Parmer:

Cole-Parmer is a leading global manufacturer of proprietary products for fluidics, environmental, analytics, lab essentials, and critical research and process equipment for life sciences. We are proven experts in the fields of fluid handling, environmental testing, cold chain monitoring, sample preparation and handling, and chromatography. Our instruments and components have been used extensively in the biopharma, pharmaceutical, life sciences, environmental, and the food and beverage industries for over 65 years.

Model	PB-100-100	PB-100-200	PB-100-400	PB-100-800	PB-100-300
Capacity	100g	200g	400g	800g	300g
Readability	0.001g	0.01g	0.01g	0.01g	0.1g
Resolution	1:100000	1:20000	1:40000	1:80000	1:3000
Repeatability +/-	0.002g	0.02g	0.02g	0.02g	0.1g
Linearity+/-	0.003g	0.02g	0.02g	0.03g	0.1g
Units	g / ct / GN / N / dr / Lb / oZ / oZt / tl t / tl H / tl S / CUS				

Model	PB-100-500	PB-100-1200	PB-100-2000	PB-100-4000	PB-100-6000
Capacity	500g	1200g	2000g	4000g	6000g
Readability	0.1g	0.1g	0.1g	0.1g	1g
Resolution	1:5000	1:12000	1:20000	1:40000	1:6000
Repeatability +/-	0.1g	0.1g	0.2g	0.2g	1g
Linearity+/-	0.2g	0.2g	0.2g	0.2g	2g
Eccentric loading	0.2g	0.2g	0.2g	0.2g	2g
Units	g / ct / GN / N / dr / Lb / oZ / oZt / tl t / tl H / tl S / CUS				

## Common Specifications

Interface	RS-232 bi directional
Stabilization time	3s
Operating temperature	0°C - 40°C / 32°F - 104°F
Power supply	12VAC @ 150 ma (12VDC @ 800ma with internal battery kit option)
Calibration	Automatic external
Display	18mm 6 digits LCD
Housing	ABS
Size without breeze shield	178 x 257 x 84mm (7" x 10.1" x 3.3")
N.W.	1.1 kg (2.4 lb.)

Supplied by