

# Intelligent-Lab™ Precision Balance



- Bright Backlit LCD Display
- Capacity: 3,000 g and 5,000 g. Readability: 0.1g
- Reads in g, oz, ct, lb, GN, counting, %
- Filtering Levels
- Rechargeable Battery
- CalQuick™ Single Button Calibration
- Below Balance Weighing



Weighing Technology

*A Higher Level of Precision . . . A Higher Level of Performance*



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PD

Series

Model	PD-3000	PD-5000
Capacity	3000 g / 105 oz / 15,000 ct / 6.5 lb / 46,000 GN	5000 g / 176 oz / 24,990 ct / 11 lb / 76,600 GN
Readability	0.1 g / 0.001 oz / 0.5 ct / 0.001 lb / 0.1 GN	0.1 g / 0.001 oz / 0.5 ct / 0.001 lb / 0.1 GN
Recommended Minimum Load	1 g	
Repeatability (Std. Dev.)	± 0.2 g	
Linearity	± 0.2 g	
Stabilization Time	≈ 2 seconds	
Weighing Units	g, oz, ct, lb, GN	
Functions	%, counting, below balance weighing	
Tare Range	To capacity by subtraction	
Power Source	120 V AC/DC adapter with rechargeable 6 Volt battery	
Construction	Steel base with ABS housing	
Display	LCD display 5/8 inch / 15 mm high with configurable backlight	
Pan Size	6.5 x 6.5 inch / 165 x 165 mm stainless steel	
Overall Dimensions	7 x 9.4 x 3.6 inch / 178 x 240 x 70 mm	
(W x D x H)	41 °F to 95 °F / 5 °C to 35 °C	
Operating Environment	Temperature fluctuation ≤ 5 °C / hour Humidity 50% to 85% RH	
Net Weight	4 lb / 1.8 kg	
Shipping Weight	6 lb / 2.7 kg	
Options	In-use dust cover	

Features	Benefits
Adjustable filter levels	Allows you to speed up or slow down weighing to account for environmental conditions
Adjustable zero tracking	Allows for evaporation applications
Counting program	Allows for piece counting applications
Percentage program	Allows for formulation weighing
Configurable backlight	Saves battery power
CalQuick™ single button calibration	Calibration is simple, ensuring that the balance will be calibrated often during use
Large stainless steel pan	Allows for easy weighing of large objects
Bright, backlit LCD display	Easy to read in all lighting conditions including bright sunlight
Below Balance Weighing	Allows for weighing of bulky items and allows density calculations
Multiple weighing units	Allows flexibility of weighing
Battery operation	Portability – can be used in various locations without access to 120 Volt power