



PM

Intelligent-Lab™
Milligram

100g x0.0001g
300g x0.0001g

- Hands Free Infrared Tare & Calibration
- Reads In: g, oz, ct, lb, GN, ozt, dwt
- Configurable RS232 Interface
- Large Glass Draft Shield
- Dry Cell Battery For Portability
- Filtering Levels
- Counting, %





Weighing Technology

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

PM Series

Model	PM-100	PM-300
Capacity	100 g 3.50000 oz / 3.0000ozt 6.300 dwt / 500 ct	300 g 9.99999 oz / 9.5000 oz t 19.000 dwt / 999.995 ct
Readability	0.001 g / 0.00001 oz / 0.0001 oz t / 0.001 dwt / 0.005 ct	
Repeatability (Std. Dev.)	± 0.002 g	
Linearity	± 0.002 g	
Weighing Units	g, oz, oz t, dwt, ct, lb, GN	
Functions	%, counting	
Tare Range	To capacity by subtraction	
Power Source	120 VAC, 6 VDC, 60 Hz, 300mA	
Construction	Die cast aluminum base, analytical type glass draft shield	
Display	Large, easy to read 1.1 inch / 27 mm LCD display with backlight	
Pan Size	3.2 inches / 80 mm diameter	
Dry Cell Battery Operation	8 x AA Batteries (Not Supplied)	
Draft Shield Internal Dimensions (W x D x H)	6.75 x 6.75 x 9.5 inches / 165 x 165 x 241 mm	
Overall Dimensions (W x D x H)	8.5 x 13.5 x 14.5 inches / 216 x 343 x 368 mm	
Operating Environment	41 °F to 95 °F / 5 °C to 35 °C Temperature fluctuation ≤ 5 °C / hour Humidity 50% to 85% RH	
Connectivity	RS-232 interface, selectable transmission modes	
Net Weight	8.5 lb / 3.9 kg	
Shipping Weight	12 lb / 5.5 kg	
Options	Printers	
Net Weight	9.9 lb / 4.5 kg	
Shipping Weight	20 lb / 9.1 kg	
Options	Printer	

Features	Benefits
CalQuick™ single button calibration Calibration weight supplied	Calibration is simple, ensuring that the balance will be calibrated often during use
Large glass draft shield with anti-static construction	Allows for weighing of large objects such as flasks, while maintaining protection from environmental conditions
Adjustable zero tracking	Allows for evaporation applications
Counting program	Allows for piece counting applications
Percentage program	Allows for formulation weighing
Calibration weight	Allows for easy calibration
Dedicated print button	Easy data transfer to printer
Large stainless steel pan & draft shield	Allows for easy weighing of large objects
Spill ring	Protects against damage to electronic components
Bright, backlit LCD display	Easy to read in all lighting conditions including bright sunlight
Multiple weighing units	Allows flexibility of weighing
Leveling feet with 4 points of adjustment & spirit level	The balance is easy to level for accurate results even on uneven working surfaces
Configurable RS 232 interface	Allows communication with peripheral data collection and printing instruments
Dry Cell Battery Operation	Allows for great portability
No Touch Tare & Cal Buttons	Avoids contamination of the balance

Manufactured for Intelligent Weighing Technology, Inc. in an ISO 9001 certified facility

Phone: 1-805-642-3034 • www.intelligentwt.com

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