

# PR SERIES *Analytical Balances*

Standard RS232 connectivity for easy data transfer.



A large, bright backlit display(LCD) allows for easy viewing of results.



Durably constructed, and features a stainless steel pan to withstand day-to-day use.

Two adjustable feet allow user to level the balance.

Four mechanical keys enable easy operation of basic application modes.

InCal™ Model	PR124	PR224	PR223	PR423	PR523
ExCal Model	PR124/E	PR224/E	PR223/E	PR423/E	PR523/E
Capacity (g)	120	220		420	520
Readability d (g)	0.0001		0.001		
Repeatability (sd.), ≤5% of Full Load (g)	0.00008		0.0008		
Repeatability (sd.), 5% of Full Load to Full Range (g)	0.0001		0.001		
Linearity Deviation, Typical (g)	±0.00006		±0.0006		
Linearity Deviation (g)	±0.0002		±0.002		
Stabilization Time (s)	3		2		
Sensitivity Temperature Drift (PPM/K)	±3		±8	±3	
Min-Weight (Typical) (g) (USP, K=2, U=0.10%)	0.16		1.6		
Min-Weight (Optimal) (g) (USP, K=2, U=0.10%, SRP≤0.41d)*	0.082		0.82		
Units	Milligram, Gram, Kilogram, Ounce, Carat, Pennyweight, Ounce Troy, Newton, Grain, Pound, Taiwan Tael, Custom				
Applications	Basic Weighing, Parts Counting, Percent Weighing				
Platform Size (diameter)	9 cm		12 cm		
Tare Range	To full range by subtraction				
Tare Time (s)	1				
Power Supply	Power Input: 100 – 240V ~ 200mA 50 – 60Hz 12 – 18VA Power Output: 12 VDC 0.5A				
Assembled Dimensions (W × D × H)	201 × 317 × 303 mm				
Communication	RS232				
Operating Temperature Range	Operating conditions for ordinary lab application: +10 to 30°C (operability guaranteed between +5 and 40°C)				
Storage Temperature Range	Humidity: maximum relative humidity 80% for temperatures up to 30 °C, decreasing linearly to 50% relative humidity at 40 °C				
Net Weight	4.5 kg				
Shipping Weight	7 kg				
Shipping Dimensions (W × D × H)	507 × 387 × 531 mm				

\*The value for SRP is the standard deviation for n replicate weighing's (n≥10)