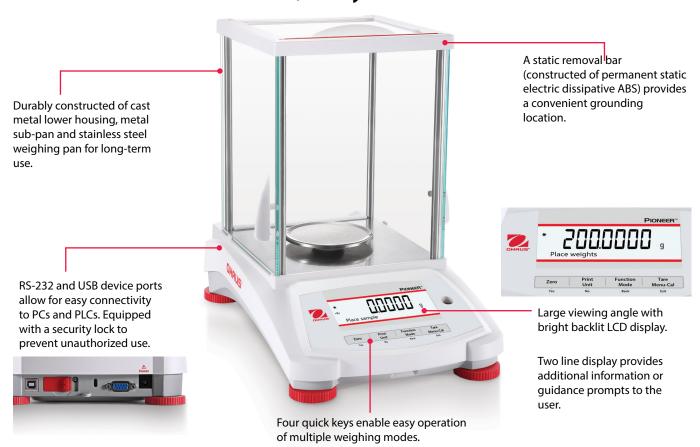
PIONEER® Semi-Micro, Analytical and Precision Balances



InCal™ Models	PX85*	PX225D*	PX84	PX124	PX224	PX163	PX323	PX623	
ExCal Models			PX84/E	PX124/E	PX224/E	PX163/E	PX323/E	PX623/E	
Capacity (g)	82	82/220	82	120	220	160	320	620	
Readability d, Fine Range (g)		0.00001		-		-			
Readability d, Full Range (g)	0.00001	0.00001 0.0001		0.0001			0.001		
Repeatability (sd.), ≤5% of Full Load (g)		0.00001		0.00008			0.0008		
Repeatability (sd.), 5% of Full Load to Fine Range Max (g)		0.00002		-			-		
Repeatability (sd.), Fine Range Max to Full Range (g)	0.00002	0.0001	0.0001			0.001			
Linearity deviation, Typical (g)		± 0.00006		±0.00006			± 0.0006		
Linearity deviation (g)		± 0.0001		± 0.0002			± 0.002		
Stabilization Time (s)		10		3			2		
Typical Minimum Weight USP (g), (USP K=2, U=0.10%)		0.02		0.16			1.6		
Min-Weight (optimal) (g) (USP, K=2, U=0.10%, SRP≤0.41d**)		0.0082		0.082			0.82		
Units	Milligram,	Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Troy Ounce, Grain, Newton, Hong Kong Tael, Singapore Tael, Taiwan Tael, Momme, Tical (MM), Mesghal, Tola (India), Baht, 1 custom unit							
Applications		Basic Weighing, Parts Counting, Percent Weighing, Animal Weighing, Density Determination, Formulation							
Pan Size (Ø)	3.1	3.15 in. / 80 mm		3.54 in. / 90 mm			4.72 in. / 120 mm		
Draftshield Size		6.8 × 5.2 × 8.1 in. / 172 × 131 × 205 mm							
Power Supply		Power Input: 100–240V ~ 200mA 50–60Hz 12–18VA Power Output: 12 VDC 0.5A							
Assembled Dimensions (W \times D \times H)		8.2 × 12.6 × 12.2 in. / 209 × 321 × 309 mm							
Operating Conditions		Operating conditions for ordinary lab application: 50° F to 86° F / +10 to 30° C (operability guaranteed between +5 and 40° C)							
Storage Conditions		14° F to 140° F / -10° C to 60° C at 10% to 90% relative humidity, non-condensing							
Net Weight		10 lb / 4.5 kg							
Shipping Weight		15.4 lb / 7 kg							
Shipping Dimensions (W \times D \times H)		21.7 × 15.2 × 11.5 in. / 507 × 387 × 531 mm							

^{*}Automatic Calibration models **The value for SRP is the standard deviation for n replicate weighings (n≥10)