PIONEER® *Semi-Micro, Analytical and Precision Balances*

A static removal bar (constructed of permanent static electric dissipative ABS) provides a convenient grounding location.

Durably constructed of cast metal lower housing, metal sub-pan and stainless steel weighing pan for long-term use.

RS-232 and USB device ports allow for easy connectivity to PCs and PLCs. Equipped with a security lock to prevent unauthorized use.
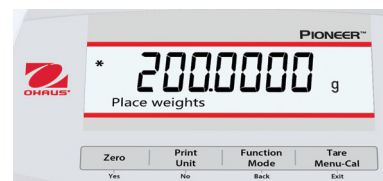
Large viewing angle with bright backlit LCD display.

Two line display provides additional information or guidance prompts to the user.

Four quick keys enable easy operation of multiple weighing modes.

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	0.0001		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, 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)	3.15 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 × D × 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 × D × 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)