

TABLE 9-3. SPECIFICATIONS (continued)

InCal Model	PX3202	PX4202	PX5202	PX2201	PX4201		
ExCal Model	PX3202/E	PX4202/E	PX5202/E	PX2201/E	PX4201/E	PX6201/E	PX8201/E
Capacity (g)	3200	4200	5200	2200	4200	6200	8200
Readability d (g)	0.01	0.01	0.01	0.1	0.1	0.1	0.1
Repeatability (STDEV) (g)	0.01	0.01	0.01	0.1	0.1	0.1	0.1
Linearity (g)	±0.02	±0.02	±0.02	±0.2	±0.2	±0.2	±0.2
Stabilization Time Typical (s)	1	1	1	1	1	1	1
Sensitivity Temperature Drift (PPM/K)	±3	±3	±3	±10	±10	±10	±10
Typical Minimum Weight USP (USP K=2, U=0.10%)	20 g	20 g	20 g	200 g	200 g	200 g	200 g
Optimized Min-Weight (g) (USP, u=0.10%, k=2) SRP≤0.41d*	8.2 g	8.2 g	8.2 g	82 g	82 g	82 g	82 g
Units	Gram, Kilogram, Carat, Newton, Pound, Ounce, Ounce Troy, Grain, Pennyweight, Momme, Mesghal, Hong Kong Tael, Singapore Tael, Taiwan Tael, Tical (MM), Tola (India), 1 Custom unit						
Applications	Basic Weighing, Parts Counting, Percent Weighing, Dynamic Weighing, Density Determination						
Platform Size (diameter, mm)	180	180	180	180	180	180	180
Span Calibration Points (g)	2000, 3000	2000, 4000	3000, 5000	1000, 2000	2000, 4000	5000, 6000	5000, 8000
Linearity Calibration Points (g)	0, 1500, 3000	0, 2000, 4000	0, 2500, 5000	0, 1000, 2000	0, 2000, 4000	0, 3000, 6000	0, 4000, 8000
Tare Range	To capacity by subtraction			To capacity by subtraction			
Power Supply	Power input: 100-240V ~ 200mA 50-60Hz 12-18VA Power output: 12 VDC 0.5A						
Assembled Dimensions (W x D x H) (mm)	209 x 321 x 98						
Communication	RS232, USB						
Operating Temperature Range	Operating conditions for ordinary lab application: +10°C to 30°C (operability guaranteed between +5°C 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						
Storage Conditions	-10°C to 60°C, humidity 10% to 90%, without condensation						
Net Weight	7.7 lb / 3.5 kg						
Shipping Weight	11 lb / 5 kg						
Shipping Dimensions (W x D x H) (mm)	550 x 385 x 291						

Note:

*SRP refers to the standard deviation for n replicate weightings (n ≥ 10).