



# PIONEER® PXP SERIES

Analytical and Precision Pharmacy Balances



## *Ideal for Essential Pharmacy Weighing Applications*

Offering accuracy and repeatability for essential pharmacy weighing applications, the PXP Series Pharmacy Balances deliver competitive performance. Equipped with RS232 and USB ports for easy communication, and intuitive software for intelligent operation, the PXP also features a second line display for additional guidance. A real-time clock keeps accurate time even during power loss. GLP capability allows data to be recorded for traceability and compliance.

### *Standard Features:*

- **Offering Competitive Performance at an Economical Price Point**

The Pharmacy model offers high accuracy and repeatability for essential pharmacy weighing and other pharmacy-related QA/QC applications at an economical price point.

- **RTC with GLP/GMP Data and Password Protection to Manage Data Integrity and Tracking**

Real-time clock (RTC) keeps accurate time even during power loss. GLP/GMP data capability records data for traceability and compliance. Password protection reduces risk of unauthorized setting changes.

- **Equipped with Four Weighing Modes and USB and RS232 Ports for Easy Communication**

The PXP features standard weighing modes and second line display to guide through compounding or formulation by showing additional prompts. USB and RS232 allow for easy communication with PC/printer.

# PIONEER® PXP SERIES *Analytical Pharmacy Balances*



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

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



Large viewing angle with bright backlit LCD display.  
2 line display provides additional information or guidance prompts to the user.

RS232 and USB device ports allow for easy connectivity to PCs and PLCs. Equipped with a security lock to prevent unauthorized use.

Four quick keys enable easy operation of multiple weighing modes.



InCal™ Model	PXP125D	PXP85	PXP225D	PXP124	PXP224	PXP223	PXP523
Capacity (g)	52/120	82	82/220	120	220		520
Readability (g)	0.00001/0.0001	0.00001	0.00001/0.0001	0.0001		0.001	
Repeatability (STDEV) (g)	0.00001/0.0001	0.00001	0.00001/0.0001	0.0001		0.001	
Linearity (g)	0.00002/0.0002	0.00002	0.00002/0.0002	0.0002		0.002	
Stabilization Time (s)	7			3		2	
Sensitivity Temperature Drift (PPM/K)	± 0.8			± 3		± 8	± 3
Typical Minimum Weight USP (USP, K=2, U=0.10%)	20 mg			200 mg		2 g	
Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d*	9 mg			82 mg		0.82 g	
Units	Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Ounce Troy, Grain, Newton, Hong Kong Tael, Singapore Tael, Taiwan Tael, Momme, Tical (MM), Mesghal, Tola (India), 1 custom unit						
Applications	Basic Weighing, Parts Counting, Percent Weighing and Formulation						
Pan Size	80 mm			90 mm		120 mm	
Power Supply	Power Input: 100–240V ~ 200mA 50–60Hz 12–18VA Power Output: 12 VDC 0.5A						
Assembled Dimensions (W × D × H)	209 × 321 × 309 mm						
Communication	RS232 and USB						
Operating Temperature Range	Operating conditions for ordinary lab application: +10 to 30°C (operability guaranteed between +5 and 40°C)			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 weighings (n≥10)

# PIONEER® PXP SERIES *Precision Pharmacy Balances*



RS232 and USB device ports allow for easy connectivity to PCs and PLCs.



Large viewing angle with bright backlit LCD display.  
2 line display provides additional information or guidance prompts to the user.

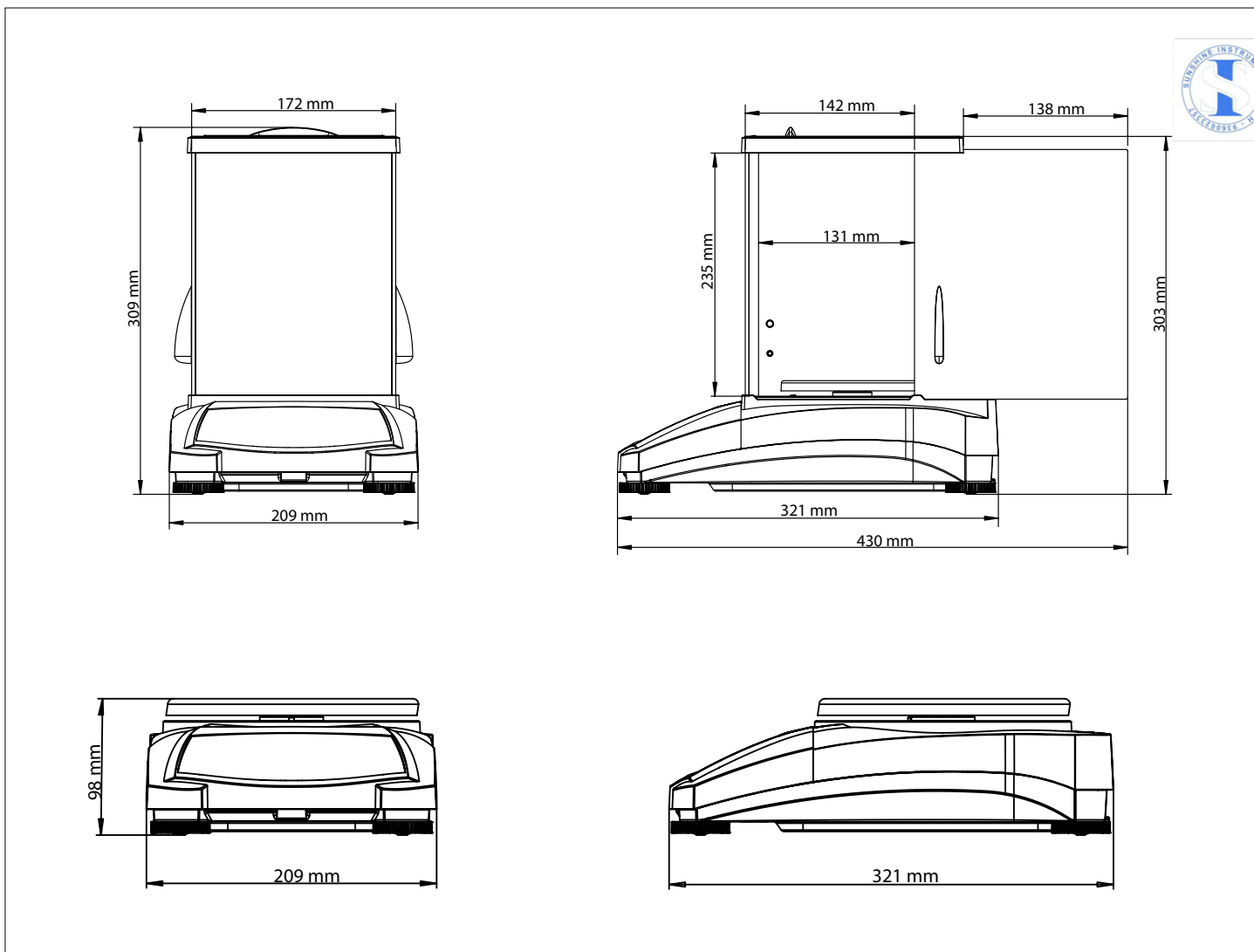
Four quick keys enable easy operation of multiple weighing modes.

InCal™ Model	PXP822	PXP1602	PXP2202	PXP4202
Capacity (g)	820	1600	2200	4200
Readability (g)	0.01			
Repeatability (STDEV) (g)	0.01			
Linearity (g)	0.02			
Stabilization Time (s)	1			
Sensitivity Temperature Drift (PPM/K)	± 6			± 3
Typical Minimum Weight USP (USP, K=2, U=0.10%)	20 g			
Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d*	8.2 g			
Units	Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Ounce Troy, Grain, Newton, Hong Kong Tael, Singapore Tael, Taiwan Tael, Momme, Tical (MM), Mesghal, Tola (India), 1 custom unit			
Applications	Basic Weighing, Parts Counting, Percent Weighing and Formulation			
Pan Size	180 mm			
Power Supply	Power Input: 100–240V ~ 200mA 50–60Hz 12–18VA Power Output: 12 VDC 0.5A			
Assembled Dimensions (W × D × H)	209 × 321 × 98 mm			
Communication	RS232 and USB			
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	3.5 kg			
Shipping Weight	5 kg			
Shipping Dimensions (W × D × H)	550 × 385 × 291 mm			

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

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## Dimensions



## Other Standard Features and Equipment

Metal base, plastic top housing, removable stainless steel pan, removable glass draftshield or side doors, integrated weigh-below-hook, security bracket, calibration lock, in-use cover, user-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages

## Compliance

- **Product Safety:** IEC/EN 61010-1; CAN/CSA C22.2 61010-1; UL 61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, basic environments; FCC Part 15 Class A; Canada ICES-003 Class A
- **Compliance Marks:** CE; CSA; RCM

## Accessories

SF40A Printer .....	30045641
ION-100A .....	30130303
USB Interface Cable .....	83021085
Security Device.....	80850043
RS232 Cable (25-pin) .....	80500524
RS232 Cable (9-pin) .....	80500525
Dust Cover .....	30093334
In-use Cover .....	30372546
Power Adapter for Balance .....	46001724

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*With offices throughout Europe, Asia, and Latin America*

The management system governing the manufacture of this product is ISO 9001: 2015 certified.

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