



Modern Compact Jewelry Balances for Accurate Weighing of Precious Metals and Stones

The PJX Series offers a range of Jewelry Balances for weighing precious metals and stones in a variety of capacities and readabilities. The PJX Series is OIML-approved and ideal for legal-for-trade applications. The PJX features an auxiliary display that can be easily connected to provide simultaneous viewing of results for both trader and customer. Select models come with a built-in internal adjustment system.

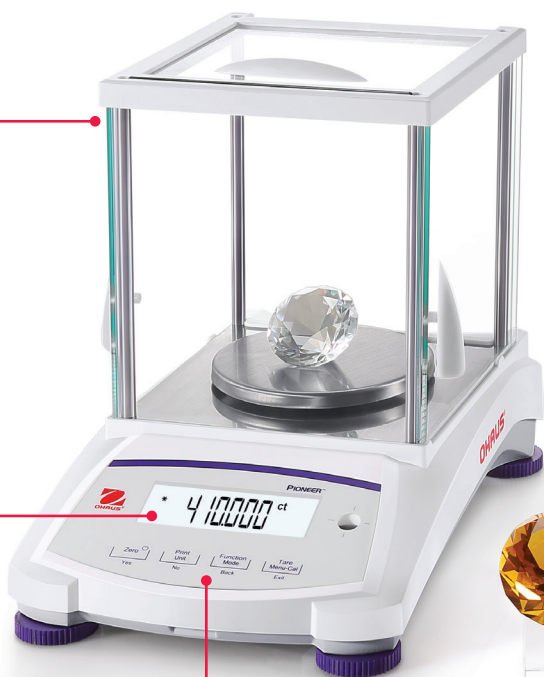
Unique Features Include:

- The PJX features a bright backlit LCD which displays results clearly. An auxiliary display can also be connected to allow both customer and trader to view weighing results simultaneously.
- The PJX Series comes in a modern compact design, which is designed with saving space in mind. Additionally, keeping the draftshield lowered will help to get more stable weighing results.
- Select PJX models come with a built-in internal adjustment system, which calibrates the balance automatically, ensuring weighing accuracy at all times.
- The PJX features four weighing modes, including the Density Determination mode, which allows the user to test the density of unknown materials, and determine the type of material and its cost accurately.

PIONEER® PjX Carat Jewelry Balances

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

Large viewing angle with bright backlit LCD display.



An auxiliary display can be easily connected to provide simultaneous viewing of results for both trader and customer.



Four quick keys enable easy operation of weighing modes, including the Density Determination mode.

Connectivity options include standard RS232 to connect a printer, and Mini DIN port to connect to an auxiliary display.



Carat Balances					
InCal™ Model	PjX203	PjX803	PjX1203	PjX1603	PjX2503
ExCal Model	PjX203/E	PjX803/E	PjX1203/E	PjX1603/E	PjX2503/E
Approved Models	PjX203M	PjX803M	PjX1203M	PjX1603M	PjX2503M
Capacity (ct)	200	800	1200	1600	2500
Readability (ct)	0.001			0.005	
Capacity (g)	40	160	240	320	500
Readability (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				
Units	Milligram, Gram, Kilogram, Ounce, Pound, Carat, Pennyweight, Ounce Troy, Grain, Taiwan Tael, Custom				
Applications	Basic Weighing, Parts Counting, Percent Weighing, Density Determination				
Pan Size (diameter)	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 × 274 mm				
Communication	RS232 and Mini DIN				
Operating Temperature Range	Operating conditions for ordinary lab application: +10 to 30°C (operability guaranteed between +5 and 40°C)				
Net Weight	4.5 kg				
Shipping Weight	7 kg				
Shipping Dimensions (W × D × H)	507 × 387 × 531 mm				