



Ohaus PX85 - Pioneer PX Analytical Balance with Internal Calibration, 82 g x 0.01 mg

The OHAUS Pioneer Series of analytical and precision balances (Internal and External Calibration models) are designed for basic routine weighing in a variety of laboratory, industrial and education applications. With the right combination of performance and features, the OHAUS Pioneer offers uncomplicated performance for all your basic weighing needs.



Capacity x Readability

82 g x 0.01 mg

Pan Size

3.15 in (Diameter)

Manufacture: Ohaus

SKU: **PX85**

Weight: 16.00 lb

Free Ground Shipping within the
48 continental US States

**Please Call
(800)832-0055**

Features

The new Ohaus Pioneer PX series Laboratory Balances is the latest addition of Ohaus Laboratory Scales. Ohaus to the existing Pioneer Plus series and simply gave it a modern upgrade. They took all the wonderful Features and made them better.

The Best Balance For Basic Weighing!

The OHAUS Pioneer Series of analytical and precision balances are designed for basic routine weighing in a variety of laboratory, industrial and education applications. Now with both internal and external calibration models and the right combination of performance and features, the OHAUS Pioneer offers uncomplicated performance for all your basic weighing needs.

Standard Features Include:

- Easy to Clean Analytical Draftshield - Pioneer's draftshield is designed with all glass panels, including three sliding doors. All panels are easy to remove and replace, and together with a stainless steel bottom, make it fast and easy to clean.
- Upfront Level Indicator - Pioneer has been designed with an up-front level indicator, so that users can quickly ensure the balance is level prior to use
- Bright Backlit Display - The bright backlit LCD display is easy-to-view in any environment.
- Selectable Environmental Settings - Three filter modes and adjustable zero tracking adjust balance sensitivity to environmental disturbances, or application requirements.

Removable Doors Provide Convenient Access and Easy Cleaning

To address the ease of cleaning requirement often expressed by routine users, Pioneer's draftshield has been designed with easy to remove doors and panels. Disassembly takes just seconds and all components including the balance housing can be quickly wiped clean. Periodic cleaning made easy helps avoid sample contamination and extends product life. In addition, a standard in-use cover provides added protection against accidental spillage and helps minimize the chance of damage to the display and keypad. Should breakage occur, each replacement door or panel can be installed in seconds.

Backlit Display Bolsters Visibility

The bright backlit LCD display provides ample lighting, making the display very easy-to-view in laboratories with dim lighting

Selectable Environmental Settings For Working in Practically Any Condition

To help adapt the balance to real life working conditions, Pioneer is designed with selectable environmental settings. When working in harsh environments, the balance can be adjusted to compensate for vibrations and other disturbances. Conversely, the balance can be adjusted for working in slow filling applications where sensitivity is a must.

Standard Features:

- Integral Security Bracket: Allows you to secure your balance to a workstation to prevent unwarranted movement or theft
- RS232 Interface: Pioneer's RS232 allows connection to an Ohaus printer or a computer. Sends Balance ID plus spaces for recording User ID, Project ID, time and date
- Integral Menu Lock: A combination of software and a mechanical switch locks menus, including calibration
- Weigh-Below Hook: Pioneer's built-in weigh-below hook allows you to suspend an item below the balance to calculate density/specific gravity
- Up-Front Level Indicator: A quick glance at the up-front level indicator helps to ensure that the balance is level prior to each use
- Multiple Application Modes and Units: Pioneer features basic weighing, parts counting and percent weighing, density weighing, and dynamic weighing and 15 international weighing units including one custom unit
- Backlit Display: Enables optimal viewing of results in various lighting conditions

Specifications

Model with Internal Calibration	PX85	PX225D	PX84	PX124	PX224	PX163	PX323	PX523	PX1602	PX2202	PX3202	PX4202	PX2201	PX4201
	30475733	30475734	30429837	30429838	30430053	30429839	30429840	30430054	30430055	30429841	30429842	30429843	30430056	30429844

Capacity x Resolution	82 g x 0.01 mg	82 g x 0.01 mg 220 g x 0.1 mg	82 g x 0.1 mg	120 g x 0.1 mg	220 g x 0.1 mg	160 g x 1 mg	320 g x 1 mg	520 g x 1 mg	1600 x 0.01 g	2200 x 0.01 g	3200 x 0.01 g	4200 x 0.01 g	2200 x 0.1 g	4200 x 0.1 g
Model with External Calibration	PX84/E 30429845 PX124/E 30429846 PX224/E 30429847 PX163/E 30429848 PX323/E 30429849 PX523/E 30430057 PX1602/E 30430058 PX2202/E 30429850 PX3202/E 30429851 PX4202/E 30429852 PX2201/E 30430059 PX4201/E 30429853													
Stabilization Time (s)	10 s		4 s			2 s			1 s					
Linearity (±g)	0.0001 g		0.0002 g			0.002 g			0.02 g				0.2 g	
Linearity (±g)	0.00003 g	0.00003 g 0.0001 g	0.0001 g			0.001 g			0.01 g				0.1 g	
Pan Diameter (in / mm)	3.15 in / 80 mm		3.54 in / 90 mm			4.72 in / 120 mm			7.09 in / 180 mm					
Draft Shield	YES	YES	YES	YES	YES	YES	YES	YES	-	-	-	-	-	-
Warranty	2 Years													
Product Length x Width x Height	12.6 x 8.2 x 13.3 in		12.6 x 8.2 x 13.3 in						12.6 x 8.2 x 3.9 in					
Shipping weight (lbs)	15.4 lb		15.4 lb						11 lb					
Power	Input Voltage (VAC) 100-240 V Frequency: 50-60 Hz													

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