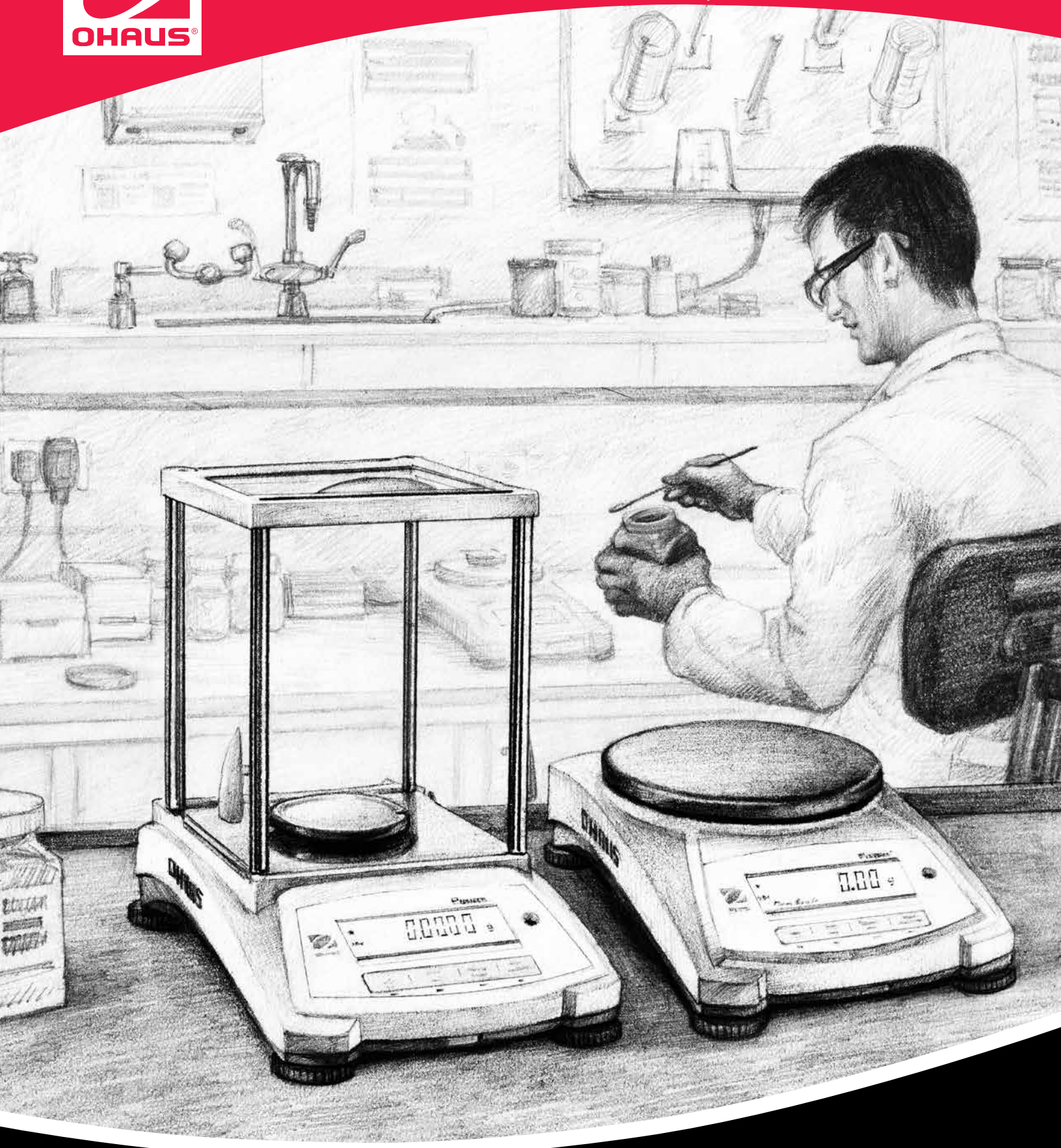
Pioneer®

Semi-Micro, Analytical, and Precision Balances



Ingeniously Practical

COMBINING ECONOMY AND HIGH PERFORMANCE FOR ESSENTIAL WEIGHING

OHAUS Pioneer® Balance

The Pioneer PX combines essential weighing functionality with competitive performance, offering high accuracy and repeatability for applications in laboratory, industrial and education settings. The Pioneer PX is affordably priced, and intuitively designed for intelligent operation with a second line display for additional information, and USB and RS-232 connectivity for easy communication.

Top 5 Reasons the OHAUS Pioneer® Balance Belongs in Your Lab

1

2 Line Display
A brightly lit dual line display shows the weight in an easy-to-read manner, while a dot-matrix second line provides additional information or guidance prompts to the user.

2

Durable Construction
Featuring a cast metal lower housing, metal sub-pan, stainless steel weighing pan and removable draftshield or side doors, the Pioneer is durably constructed for long-term use, and suitable for a variety of applications.

3

Communication Ports (RS-232, USB)
Standard RS-232 and USB device ports allow for easy connectivity to printers and other peripherals, allowing convenient capture of results. OHAUS' free data collection tool (SPDC) provides a simple solution to import this data directly in formats such as Excel, Access, .txt, .csv etc..

4

Internal Calibration*
Allows the balance to be quickly calibrated and adjusted with the push of a button, thereby eliminating the expense and maintenance of separate calibration weights.

5

Static Removal Bar**
A static removal bar along the top of the draftshield provides a convenient grounding location, allowing the user to discharge any static charge that may have accumulated prior to handling samples and weighing. This helps compliance with good weighing practices, while improving the stability and accuracy of results.

The OHAUS Pioneer

Competitive Performance at an Economical Price
The PX offers high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings at an economical price point.

Durably Constructed for Long-Term Use
Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan, the PX is durably constructed for versatile, long-term use.

Designed for Simple, Intelligent Operation
The PX features a second line display for additional information or guidance, a static removal bar for convenient grounding, and USB and RS-232 connectivity for easy communication.

* InCal™ available on select models
** On draftshield models only

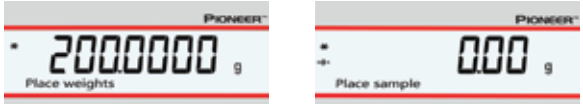
Pioneer®
Analytical and Precision Balances

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

RS-232 and USB device ports allow for easy connectivity to PCs or PLCs. Equipped with a security lock to prevent theft.

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

Four quick keys enable easy operation of multiple application modes.



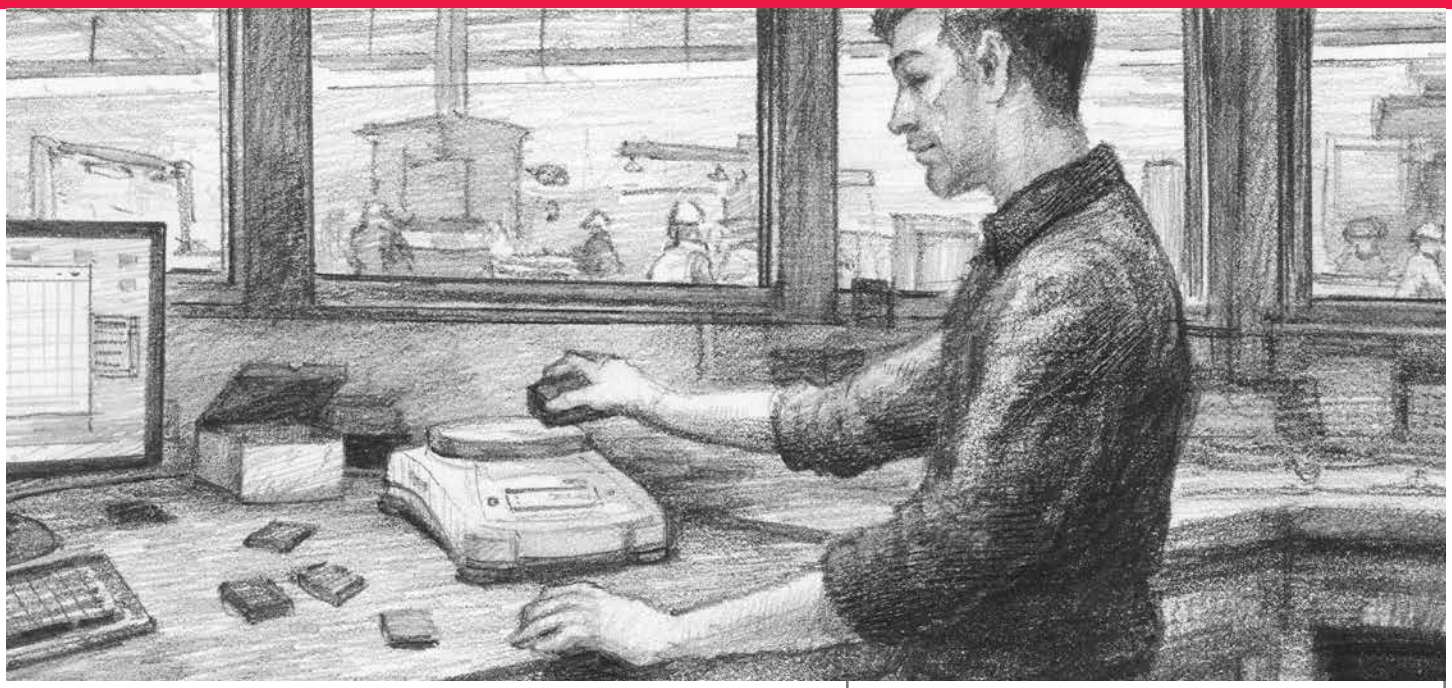
Large viewing angle with bright backlit LCD display. 2 line display provides additional information or guidance prompts to the user.

WORK IT

Pioneer® Semi-Micro and Analytical Balances

Work It with OHAUS Pioneer Lab Balances! Perfect for essential weighing applications in laboratory, industrial and education settings, OHAUS Pioneer Lab Balances are the ultimate "workhorse" to ***Work It*** in the workplace.

InCal™ Model	**PX85**	**PX225D**	**PX84**	**PX124**	**PX224**	**PX163**	**PX323**	**PX523**
ExCal Model	—	—	**PX84/E**	**PX124/E**	**PX224/E**	**PX163/E**	**PX323/E**	**PX523/E**
Capacity (g)	82	82/220	84	120	220	160	320	520
Readability (g)	0.00001	0.00001/ 0.0001	0.0001			0.001		
Repeatability (STDEV) (g)	0.00003	0.00003/ 0.0001	0.0001			0.001		
Linearity (g)	±0.0001		±0.0002			±0.002		
Stabilization Time (s)	10		4			2		
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, Animal Weighing, Density Determination							
Pan Size	Ø 3.15 inch / 80 mm		Ø 3.54 inch / 90 mm			Ø 4.72 inch / 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							
Overall Dimensions (W × D × H)	8.2 × 12.6 × 13.3 inch / 20.8 × 32.0 × 33.9 cm							
Operating Conditions	50 °F to 86 °F / 10 °C to 30 °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)	20 × 15 × 21 inch / 50.7 × 38.7 × 53.1 cm							

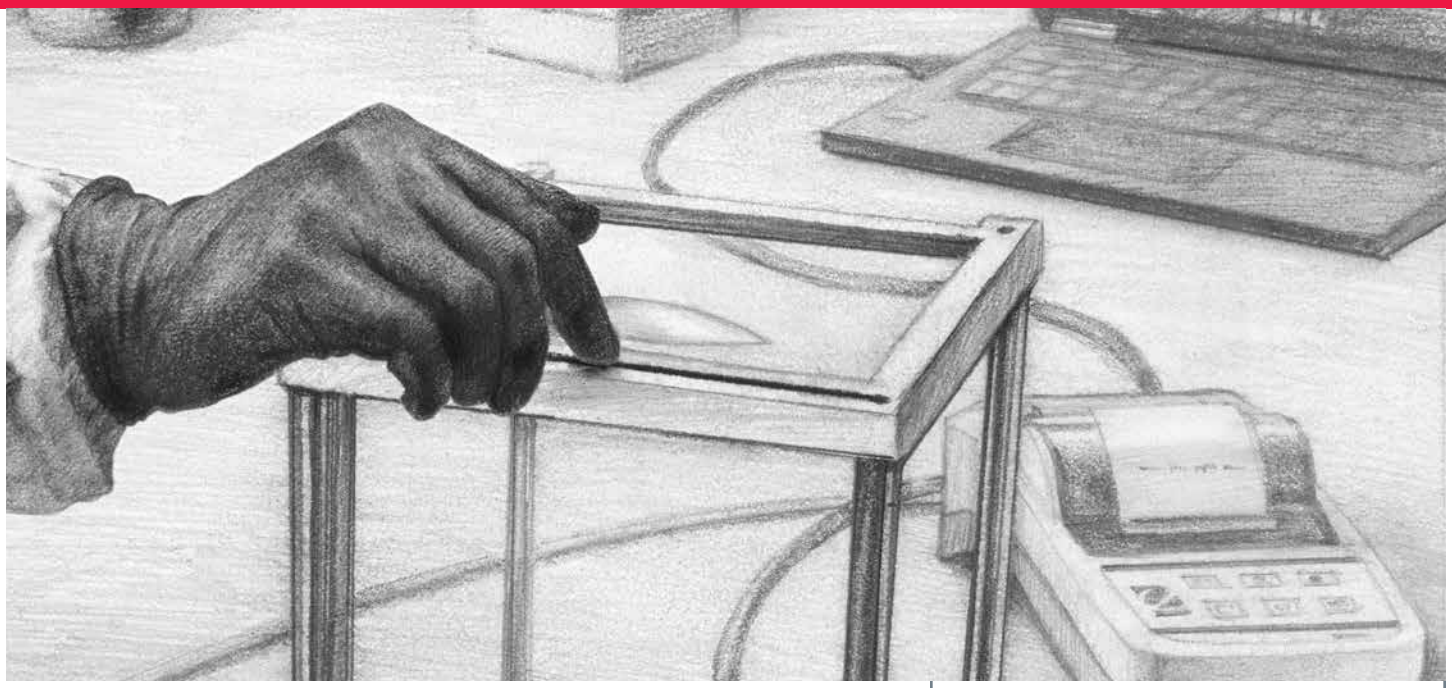


CONNECT IT

Pioneer® Precision Balances

Connect It with OHAUS Pioneer Lab Balances! Featuring standard RS-232 and USB ports for easy communication in essential weighing applications in laboratory, industrial and education settings, OHAUS Pioneer Lab Balances are perfectly designed to ***Connect It*** in the workplace.

InCal™ Model	**PX1602**	**PX2202**	**PX3202**	**PX4202**	**PX2201**	**PX4201**
ExCal Model	**PX1602/E**	**PX2202/E**	**PX3202/E**	**PX4202/E**	**PX2201/E**	**PX4201/E**
Capacity (g)	1600	2200	3200	4200	2200	4200
Readability (g)	0.01				0.1	
Repeatability (STDEV) (g)	0.01				0.1	
Linearity (g)	±0.02				±0.2	
Stabilization Time (s)	1					
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, Animal Weighing, Density Determination					
Pan Size	Ø 7.09 inch / 180 mm					
Draftshield Size	N/A					
Power Supply	Power Input:100 – 240V ~ 200mA 50 – 60Hz 12 –18VA Power Output:12 VDC 0.5A					
Overall Dimensions (W × D × H)	8.2 × 12.6 × 3.9 inch / 20.8 × 32.0 × 9.8 cm					
Operating Conditions	50 °F to 86 °F / 10 °C to 30 °C					
Storage Conditions	14 °F to 140 °F / -10 °C to 60 °C at 10% to 90% relative humidity, non-condensing					
Net Weight	7.7 lb / 3.5 kg					
Shipping Weight	11 lb / 5 kg					
Shipping Dimensions (W × D × H)	20 × 15 × 12 inch / 55.0 × 38.5 × 29.1 cm					

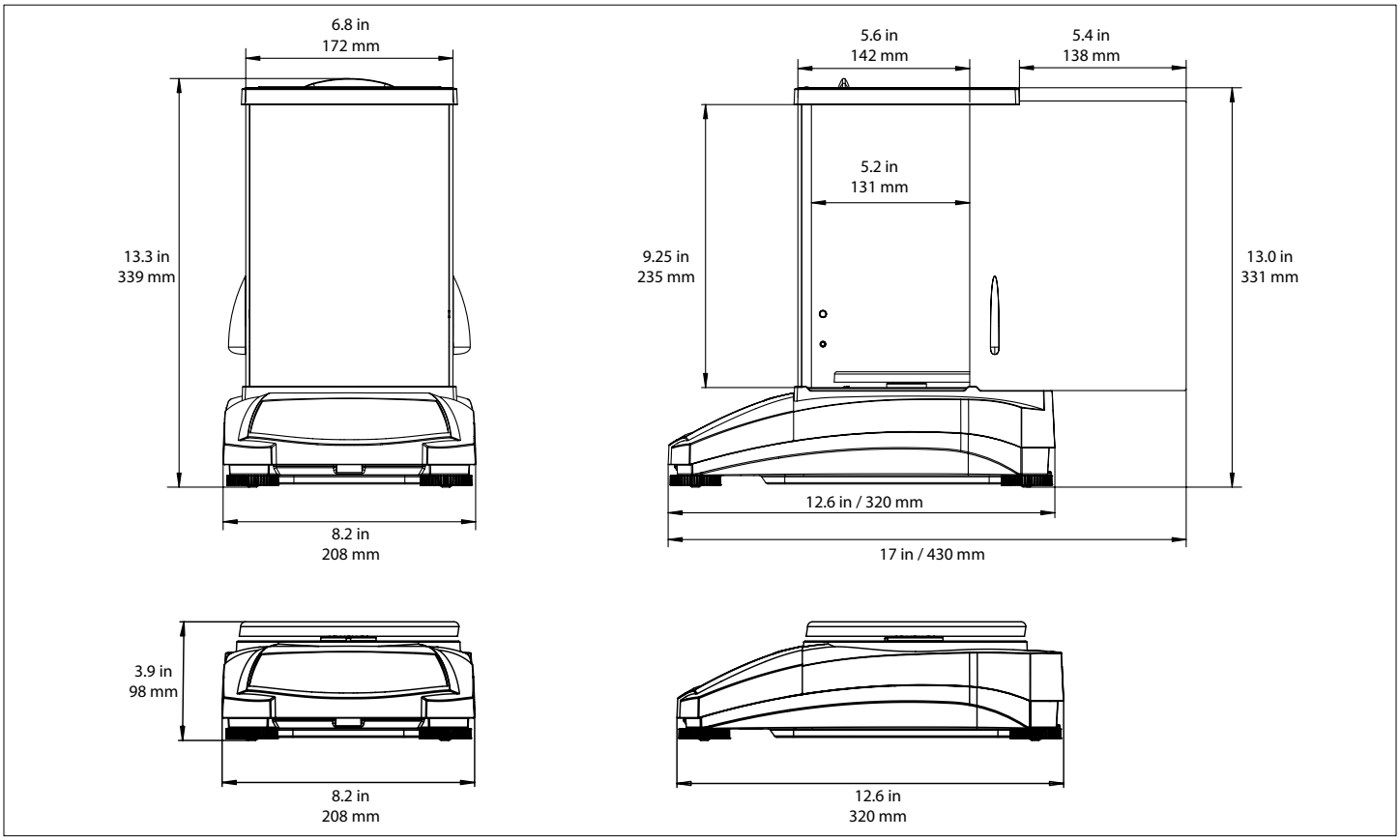


WORTH IT

The Pioneer® Series

OHAUS Pioneer Balances are ***Worth It*** in the Laboratory! Offering high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings, OHAUS Pioneer Balances are designed to add value and be ***Worth It*** in the workplace.

Pioneer Dimensions



OHAUS Corporation

Headquartered in Parsippany, NJ, OHAUS Corporation manufactures an extensive line of weighing scales, lab equipment and lab instruments that meet the weighing, sample processing and measurement needs of multiple industries. We are a global leader in the laboratory, industrial and education markets, as well as a host of specialty markets, including the food preparation, pharmacy and jewelry industries. An ISO 9001:2008 manufacturer, OHAUS lab balances, industrial scales, lab equipment and lab instruments are precise, reliable and affordable, and backed by industry-leading customer support.

OHAUS CORPORATION
7 Campus Drive
Suite 310
Parsippany, NJ 07054
USA

Tel: 800.672.7722
973.377.9000
Fax: 973.944.7177

www.ohaus.com

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

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