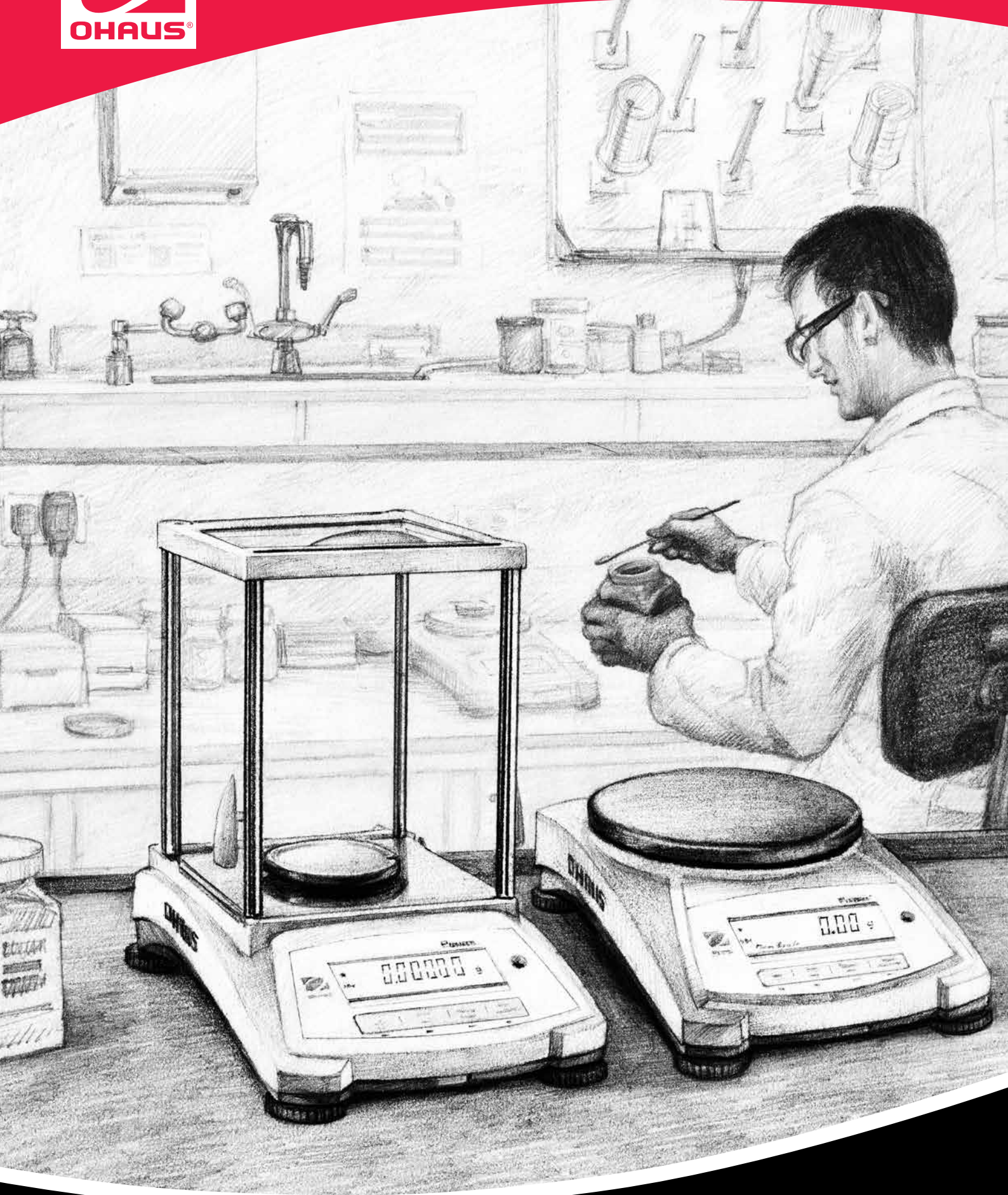




**Pioneer<sup>®</sup>**  
*Analytical and Precision Balances*



***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 PX is affordably priced, and intuitively designed for intelligent operation with a second line display for additional information, and USB and RS232 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 (RS232, USB)**

Standard RS232 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 RS232 connectivity for easy communication.

\* InCal™ available on select models

# Pioneer® Analytical and Precision Balances

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



RS232 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.



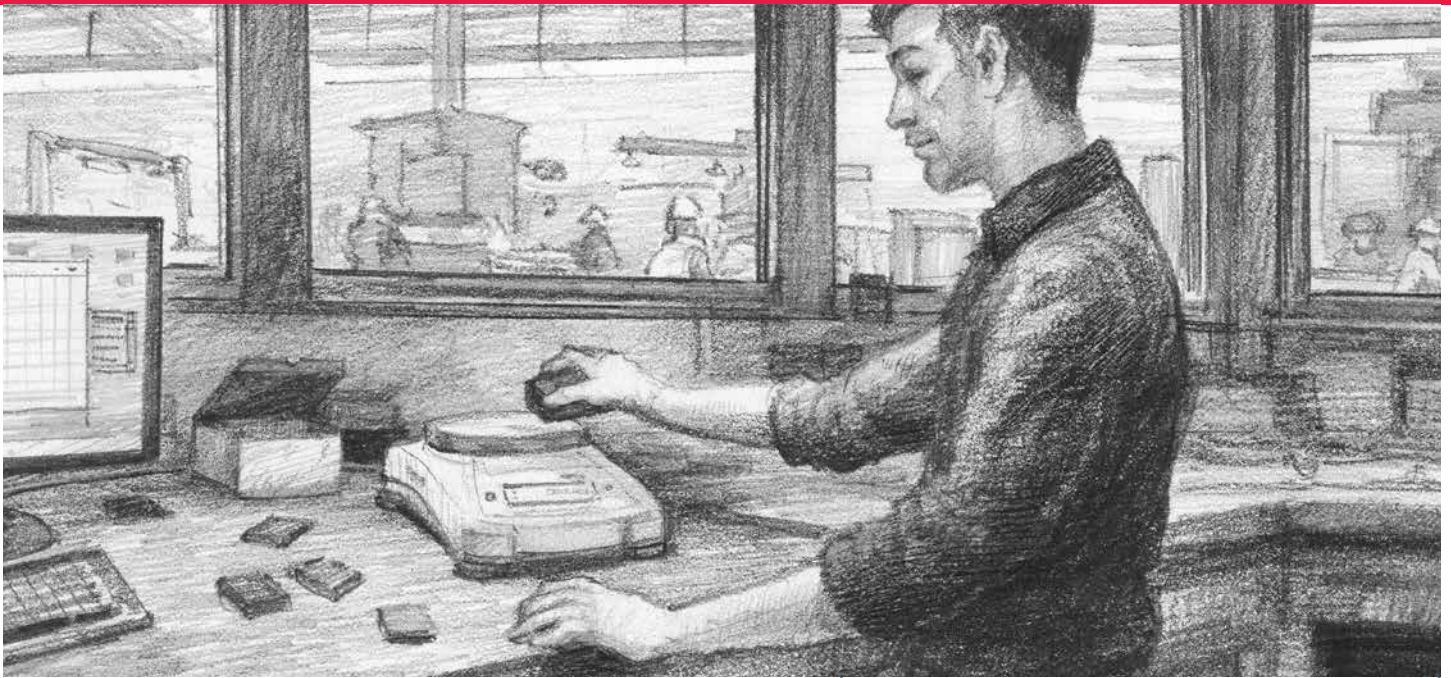
## Pioneer<sup>®</sup> Analytical and Precision Balances

**WORK IT**

**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	PX125D	PX85	PX225D	PX124	PX224	PX323	PX523
ExCal Model				PX124/E	PX224/E	PX323/E	PX523/E
Approved Model*	PX125DM	PX85M	PX225DM	PX124M	PX224M	PX323M	PX523M
Verification Interval (e) (g)	0,001			0,001		0,01	
Class (Approved Models)**	I					II	
Capacity (g)	52/120	82	82/220	120	220	320	520
Readability (g)	0,00001/0,0001	0,00001	0,00001/0,0001	0,0001		0,001	
Repeatability (STDEV) (g)	0,00002/0,0001	0,00002	0,00002/0,0001	0,0001		0,001	
Linearity (g)	± 0,0001			±0,0002		± 0,002	
Stabilization Time (s)	10			4		2	
Sensitivity Temperature Drift (PPM/K)	± 0,8			± 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						
Units (Approved Models)	g, mg, ct						
Applications	Basic Weighing, Parts Counting, Percent Weighing, Animal Weighing, Density Determination						
Pan Size (Ø)	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	10 °C to 30 °C						
Net Weight	4,5 kg						
Shipping Weight	7 kg						
Shipping Dimensions (W × D × H)	507 × 387 × 531 mm						

\*Approved models are all internal calibration models \*\*Approved models only \*\*\*The value for SRP is the standard deviation for n replicated weighings (n≥10)



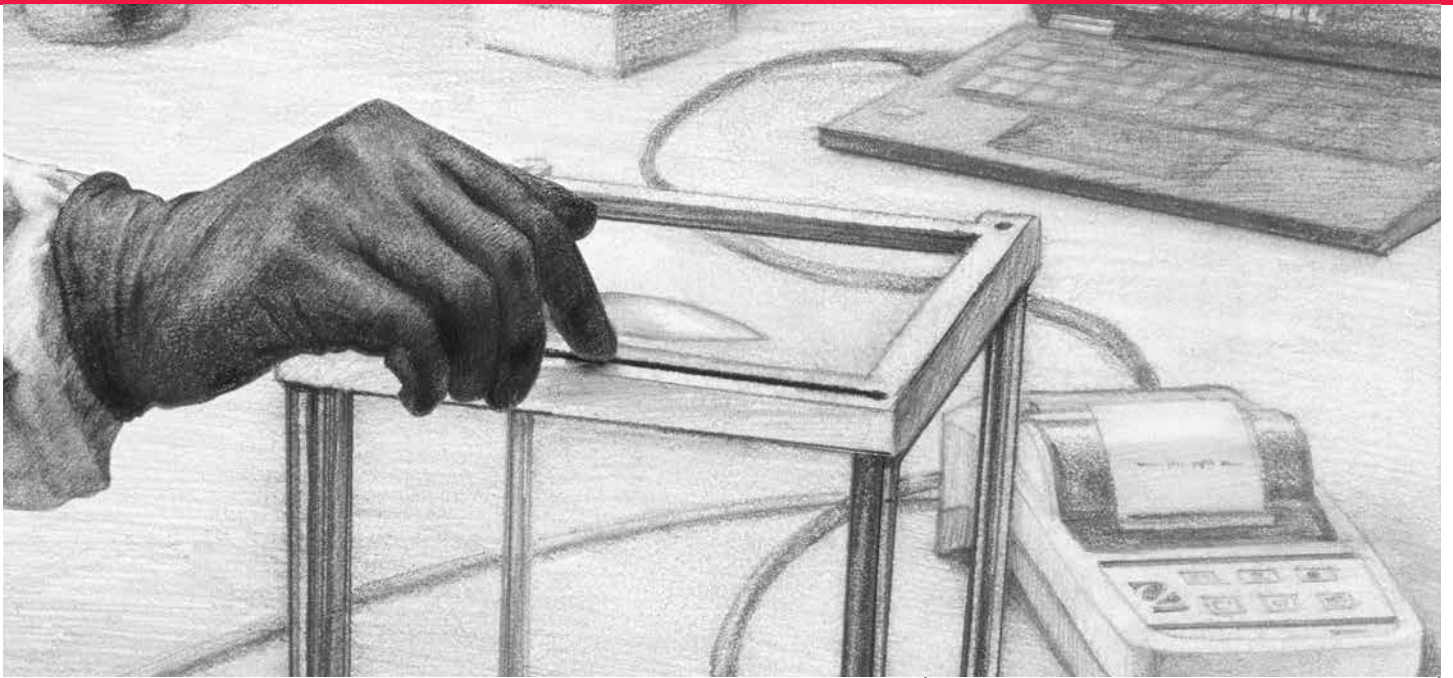
## Pioneer® Precision Balances

**Connect It** with OHAUS Pioneer Lab Balances! Featuring RS232 connectivity 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.

# CONNECT IT

InCal™ Model	PX3202	PX5202	PX4201
ExCal Model	PX3202/E	PX5202/E	PX4201/E
Approved Model*	PX3202M	PX5202M	PX4201M
Verification Interval (e) (g)	0,1		1
Class (Approved Models)**	II		
Capacity (g)	3200	5200	4200
Readability (g)	0,01		0,1
Repeatability (STDEV) (g)	0,01		0,1
Linearity (g)	± 0,02		± 0,2
Stabilization Time (s)	1 s		
Sensitivity Temperature Drift (PPM/K)	± 3		± 10
Typical Minimum Weight USP (USP K=2, U=0,10%)	20 g		200 g
Optimized Minimum Weight (USP, U=0,10%, K=2) SRP≤0,41d***	8,2 g		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		
Units (Approved Models)	g, kg, ct		
Applications	Basic Weighing, Parts Counting, Percent Weighing, Animal Weighing, Density Determination		
Pan Size (Ø)	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	10 °C to 30 °C		
Net Weight	3,5 kg		
Shipping Weight	5 kg		
Shipping Dimensions (W × D × H)	550 × 385 × 291 mm		

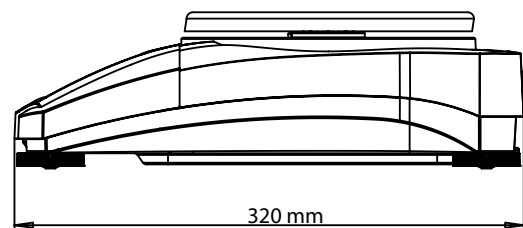
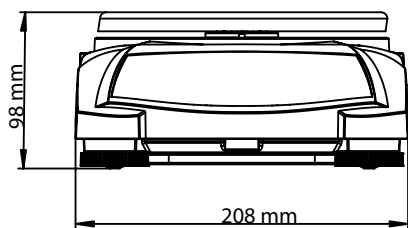
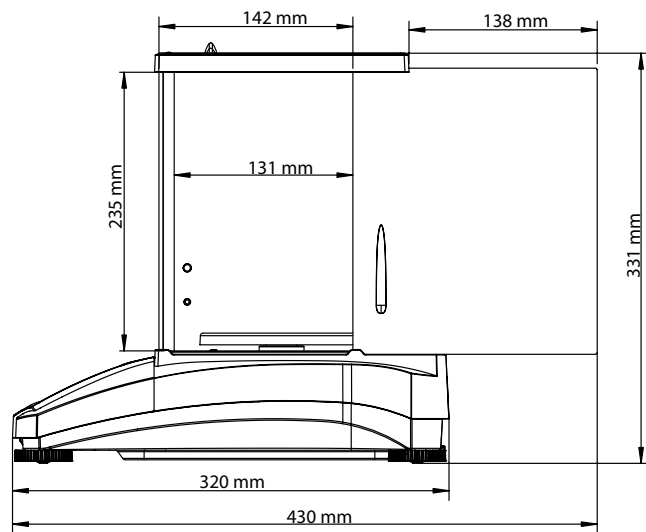
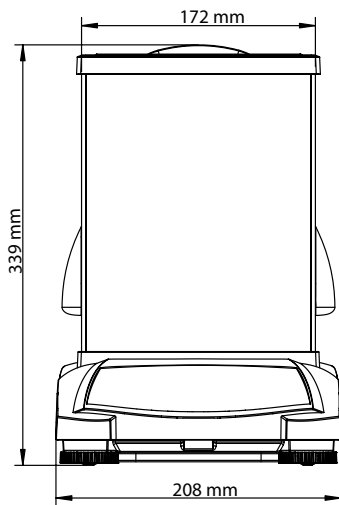
\*Approved models are all internal calibration models \*\*Approved models only \*\*\*The value for SRP is the standard deviation for n replicated weighings (n≥10)



## 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.

**WORTH IT**





## 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 9001:2015 manufacturer, OHAUS lab balances, industrial scales, lab equipment and lab instruments are precise, reliable and affordable, and backed by industry-leading customer support.

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

CH16E118

*Ingeniously Practical*