



Pioneer™ Series

Analytical and Precision Balances



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. With 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
- **Selectable Environmental Settings** – Three filter modes and adjustable zero tracking adjust balance sensitivity to environmental disturbances, or application requirements
- **Flexibility of Available Options** – Ensure accuracy with the internal calibration option. Optional Approved models are available for compliance with legal requirements

Specifications

Models with Internal Calibration	PA64C	PA114C	PA214C	PA213C	PA413C	PA512C	PA2102C	PA4102C	PA4101C
Models without Internal Calibration	PA64	PA114	PA214	PA213	PA413	PA512	PA2102	PA4102	PA4101
Capacity (g)	65	110	210	210	410	510	2100	4100	4100
Repeatability (Std Dev) mg	0.1		1		10			100	
Readability d (g)	0.0001		0.001		0.01			0.1	
Linearity (mg)	0.2	0.3	2		20		30	100	
Application Modes	Weighing, Parts Counting, Percent								
Weighing Units	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals, custom				g, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals, custom		g, kg ct, lb, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals, custom		g, kg ct, lb, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals, custom
Platform Size (mm)	90 dia.			120 dia.		180 dia.			
Cal Weight-Span (g)	50g or 60g	50g or 100g	100g or 200g	100g or 200g	200g or 400g	200g or 500g	1kg or 2kg	2kg or 4kg	2kg or 4kg
Cal Weight-Linearity (g)	20g + 50g	50g + 100g	100g + 200g		200g + 400g	200g + 500g	1kg + 2kg	2kg + 4kg	
Taring Time	1 Second								
Stabilization Time	3 Seconds								
Gross Weight (kg)	4.5kg				3.3kg				
Shipping Weight (kg)	6.9kg				5.4kg				
Balance Dimensions W x H x D (cm)	19.6 x 28.7 x 32cm				19.6 x 9.2 x 32cm				
Carton Dimensions L x W x H (cm)	49.5 x 39.5 x 52.2cm				49.5 x 39.5 x 32.7cm				
Draftshield	Yes				None				
Operating Conditions	-10°C to 40°C at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level								
Storage Temp.	-40°C to 70°C at 10% to 80% relative humidity, non-condensing.								

Specifications

Models with OIML Approval	PA64CM	PA114CM	PA214CM	PA213CM	PA413CM	PA512CM	PA2102CM	PA4102CM	PA4101CM
Capacity (g)	65	110	210	210	410	510	2100	4100	4100
Application Modes	Weighing								
Weighing Units	mg, kg, g, ct								
Approved readability e (mg)	1		10		100				

Outline Dimensions

