



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

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
APPLICATION MODES	Weighing, Parts Counting, Percent								
WEIGHING UNITS	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	g, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	g, kg ct, lb, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	g, kg ct, lb, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals	g, kg ct, lb, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals
READABILITY d (g)	0.0001	0.0001	0.0001	0.001	0.001	0.01	0.01	0.01	0.1
PLATFORM SIZE	90 mm Dia.	90 mm Dia.	90 mm Dia.	120 mm Dia.	120 mm Dia.	180 mm Dia.	180 mm Dia.	180 mm Dia.	180 mm Dia.
CAL WEIGHT-SPAN	50g, 60g	50g, 100g	100g, 200g	100g, 200g	200g, 400g	200g, 500g	1kg, 2kg	2kg, 4kg	2kg, 4kg
CAL WEIGHT-LINEARITY	20 / 50	50 / 100	100 / 200	100 / 200	200 / 400	200 / 500	1kg / 2kg	2kg / 4kg	2kg / 4kg
REPEATABILITY (std dev) mg	0.1	0.1	0.1	1	1	10	10	10	100
LINEARITY (mg)	±0.2	±0.2	±0.3	±2	±2	±20	±20	±30	±100
TARING TIME (s)	1	1	1	1	1	1	1	1	1
STABILIZATION TIME (s)	3	3	3	3	3	3	3	3	3
GROSS WEIGHT (lb / kg)	10.0lb / 4.5kg	10.0lb / 4.5kg	10.0lb / 4.5kg	10.0lb / 4.5kg	10.0lb / 4.5kg	7.3lb / 3.3kg	7.3lb / 3.3kg	7.3lb / 3.3kg	7.3lb / 3.3kg
SHIPPING WEIGHT (lb / kg)	15.2lb / 6.9kg	15.2lb / 6.9kg	15.2lb / 6.9kg	15.2lb / 6.9kg	15.2lb / 6.9kg	11.8lb / 5.4kg	11.8lb / 5.4kg	11.8lb / 5.4kg	11.8lb / 5.4kg
BALANCE DIMENSIONS W x H x D (in / cm)	7.7x11.3x12.6in 19.6x28.7x32cm	7.7x11.3x12.6in 19.6x28.7x32cm	7.7x11.3x12.6in 19.6x28.7x32cm	7.7x11.3x12.6in 19.6x28.7x32cm	7.7x11.3x12.6in 19.6x28.7x32cm	7.7x3.6x12.6in 19.6x9.2x32cm	7.7x3.6x12.6in 19.6x9.2x32cm	7.7x3.6x12.6in 19.6x9.2x32cm	7.7x3.6x12.6in 19.6x9.2x32cm
CARTON DIMENSIONS L x H x D (in / cm)	19.5x15.5x20.6in 49.5x39.5x52.2cm	19.5x15.5x20.6in 49.5x39.5x52.2cm	19.5x15.5x20.6in 49.5x39.5x52.2cm	19.5x15.5x20.6in 49.5x39.5x52.2cm	19.5x15.5x20.6in 49.5x39.5x52.2cm	19.5x15.5x12.8in 49.5x39.5x32.7cm	19.5x15.5x12.8in 49.5x39.5x32.7cm	19.5x15.5x12.8in 49.5x39.5x32.7cm	19.5x15.5x12.8in 49.5x39.5x32.7cm
Draft shield	Yes	Yes	Yes	Yes	Yes	None	None	None	None
IP Rating	None	None	None	None	None	None	None	None	None
Operating Conditions	-10°C (14°F) to 40°C (104°F) at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level								
Storage Temp.	-40°C (-40°F) to 70°C (158°F) at 10% to 80% relative humidity, non-condensing.								

Outline Dimensions

