Ohaus PA163C - Pioneer Precision Balance with Internal Calibration, 160 g x 1 mg

The OHAUS Pioneer Series of analytical and precision balances (Internal and Extenal 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
160 g x 1 mg
Pan Size
120 mm (Diameter)

Manufature: Ohaus
SKU: **PA163C**
UPC: B00T2KV97W
Weight: 16.00 lb
Free Ground Shipping within the 48 continental US States

Please Call (800)832-0055

Features

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

Other Standard Features and Equipment

Fixed integral weigh below hook, user selectable span calibration points, software rest menu, stability indicator, auto tare, user selectable communication setting, user selectable printing options, up-front level indicator, menu and calibration locks, mechanical and software overload/underload protection, integral weigh below hook, security bracket, stainless steel platform, backlit LCD

Specifications

Models with Internal Calibration	PA84	PA124	PA224	PA163	PA323	PA523	PA1602	PA2202	PA3202	PA4202	PA2201	PA4201
Models with external Calibration	PA84C	PA124C	PA224C	PA163C	PA323C	PA523C	PA1602C	PA2202C	PA3202C	PA4202C	PA2201C	PA4201C
Capacity x Readability (g)	85 x 0.0001	12 x 0.0001	220 x 0.0001	160 x 0.001	320 x 0.001	520 x 0.001	1600 x 0.01	2200 x 0.01	3200 x 0.01	4200 x 0.01	2200 x 0.1	4200 x 0.1
Repeatability std (g)	0.0001			0.001			0.01				0.1	
Repeatability std (g)	0.0002		0.0003	0.002			0.02				0.1	
Application Modes	Weighing, Parts Counting, Percent Weighing, Animal/Dynamic Weighing, Density Determination											
Weighing Units	mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, custom unit						g, kg, lb, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, custom unit					
Platform Size	3.54 in / 9 cm diameter			4.72 in / 12 cm diameter			7.1 in / 18 cm diameter					
Cal Weight-Span	50,80g	50,100g	100,200g	100,150g	200g,300g	200,500g	1,1.5kg	1,2kg	2,3kg	2,4kg	1,2kg	2,4kg
Cal Weight-Linearity	20/60g	50/100g	100/200g	100/150g	150/300g	200,500g	1/1.5kg	1/2kg	1.5/3kg	2/4kg	1/2kg	2/kg
Taring Time	1 second											
Stabilization Time	3 seconds											
Draftshield	7.3 in / 18.5 cm inside height						-					
Operating Conditions	50° F / 10° C to 104° F / 40° C at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level											
Storage Temperature	-40° F / -40° C to 158° F / 70° C at 10% to 80% relative humidity, non-condensing											
Net Weight	10.0 lb / 4.5 kgt						7.3 lb / 3.3 kg					
Shipping Weight	15.2 lb / 6.9 kg						11.8 lb / 5.4 kg					
Balance Dimensions W × H × D	7.7 × 11.3 × 12.6 in 19.6 × 28.7 × 32 cm						7.7 × 3.6 × 12.6 in 19.6 × 9.2 × 32 cm					
Carton Dimensions W × H × D	19.5 × 15.5 × 20.6 in 49.5 × 39.5 × 52.2 cm						19.5 × 15.5 × 12.8 in 49.5 × 39.5 × 32.7 cm					

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