



ADVENTURER AX SERIES BALANCE (220 × 0.001 g), OHAUS[®]
Model AX223/E, External Calibration

DESCRIPTION: Striking the ideal balance between features and functional, uncomplicated weighing capabilities, the OHAUS Adventurer incorporates all of the applications necessary for routine weighing and measurement activities. It comes with a color touchscreen, two USB ports and a draftshield. Stability, accuracy and fast operation ensure optimal weighing results as these characteristics ensure the most important aspects of routine laboratory weighing are covered.

FEATURES:

- ✔ Color Touchscreen and Connectivity Options power a modern weighing experience: The wide viewing angle color touchscreen offers quick access to all of Adventurer's applications. Dual USP ports and the ability to store GLP/GMP information assist in the monitoring and reporting of data
- ✔ Space-saving Draftshield improves user experience and accessibility: The two piece, top-mounted draftshield doors open wide on both sides, providing ample room for sample placement, and also reduce the footprint of the draftshield in the rear of the balance when open
- ✔ Draftshield doors are constructed of two glass panels, reducing the space required on the lab bench when the doors are open
- ✔ GLP/GMP compliance via real-time clock and recording of sample, project names, and balance ID
- ✔ A front USB host port is easily accessible and makes it simple to load data from the balance on to a flash drive without having to reach around to the back or move the balance
- ✔ A second USB device is located at the rear of the balance that can be used to connect the balance to a PC
- ✔ In addition to the touchscreen, Adventurer also has six mechanical keys that provide tactile feedback and allow the operator to perform repetitive operations such as tare, zero, calibration, and print

TECHNICAL SPECIFICATION:

Capacity (g)	220
Readability (g)	0.001
Verification Interval, e(g)	0.01
Class	II
Repeatability (Standard Deviation) (g)	±0.001
Linearity (g)	±0.002
Stabilization Time (s)	≤2
Sensitivity Drift (ppm/°C)	3

Typical Min-weight (USP, K = 3, U = 0.1%)	2 g
Optimized Min-weight (GLP, K = 2, U = 0.1%)	0.82 g
Weighing Units	Gram, milligram, mesgal, momme, Newton, ounce, pennyweight, Baht, carat, grain, Tael (Hong Kong), Tael (Singapore), Tael (Taiwan), tical, tola, troy ounce
Weighing Applications	Weighing, Parts Counting, Percent Weighing, Check Weighing, Dynamic Weighing, Formulation, Density Determination, Totalization, Display Hold
Pan Size, Ø (in / mm)	5.1 / 130.0
Calibration	External calibration
Tare Range	To capacity by subtraction
Power Requirements	AC Adapter Input: 100-240 VAC, 0.3 A 50-60 Hz AC Adapter Output: 12 VDC 0.84 A
Display Type	Full-color Touchscreen WQVGA Graphic LCD
Display Size	4.3 inch / 109 mm (diagonal)
Base Housing, W x D x H (in / mm)	13.9 x 9.1 x 13.4 / 354.0 x 230.0 x 340.0
Communication	RS232, USB Device, USB Host
Temperature Range	10°C to 30°C / 50°F to 86°F
Humidity Range	Maximum relative humidity 80% for temperatures up to 30°C/86°F
Storage Conditions	-10°C/14°F to 60°C/140°F at 10% to 90% relative humidity, non-condensing
Net Weight (kg / lb)	5.8 / 12.8
Shipping Weight(kg / lb)	8.5 / 18.8
Shipping Dimensions, W x D x H (in / mm)	20.0 x 20.9 x 15.4 / 507.0 x 531.0 x 387.0

ADDITIONAL INFORMATION:

WARRANTY: 2 years