



**PRODUCT NO.: 6940**



## **ADVENTURER AX SERIES BALANCE, OHAUS (420 x 0.001g)** **AX423, Internal Calibration**

**DESCRIPTION:** Striking the ideal balance between inventive features and functional, uncomplicated weighing capabilities, the OHAUS Adventurer incorporates all of the applications necessary for routine weighing and measurement activities. With a color touchscreen, GLP/GMP compliance capabilities, two USB ports, ingenious draftshield, and much more, Adventurer is the most complete balance in its class.

### **FEATURES:**

- ✔ Delivers stable and reliable weighing results for routine weighing tasks
- ✔ Adventurer's fast stabilization time improves productivity in the laboratory
- ✔ Internally calibrated models feature AutoCal™ (internal calibration system) that performs routine maintenance by calibrating the balance daily
- ✔ Two-piece top-mounted draftshield doors open wide on both sides, providing ample room for sample placement, cleaning and also reduce the footprint of the draftshield in the rear of the balance when open.
- ✔ Dual USB ports with GLP/GMP tracking capabilities assist in the monitoring and reporting of data
  - ✔ Front USB host port is easily accessible and makes it simple to load data from the balance on to a flash drive or simply to charge your mobile device!
  - ✔ Second USB device located at the rear of the balance for PC connection
- ✔ A real-time clock function keeps accurate time even during power loss and the GLP data capability has the ability to record Sample name, Project names and Balance ID's to help meet traceability and compliance requirements
- ✔ The cloning feature allows you to save user and application settings to a USB flash drive which can be easily used to configure additional Adventurer balances
- ✔ When using the minimum weight feature, the display clearly indicates that your current sample weight is below your defined minimum limit. Simply increase your sample weight to assure that your results are up to your standards
- ✔ Weighing Units: Baht, carat, grain, gram, kilogram, mesgal, momme, Newton, ounce, pennyweight, pound, Tael (Hong Kong), Tael, (Singapore), Tael (Taiwan), tical, tola, troy ounce, custom (1)

- Application Modes: Weighing, Parts Counting, Percent Weighing, Check Weighing, Animal Weighing, Formulation, Density Determination, Totalization, Display Hold

**TECHNICAL SPECIFICATIONS:**

<b>Model</b>	AX423
<b>Capacity (g)</b>	420
<b>Readability (g)</b>	0.001
<b>Repeatability (Std. dev.) (g)</b>	± 0.001
<b>Linearity (g)</b>	± 0.002
<b>Stabilization Time (sec)</b>	≤ 2
<b>Power Requirements</b>	AC Adapter (included) Input: 100-240 VAC, 0.3A, 50-60Hz Output: 12 VDC, 0.84A
<b>Data Interface</b>	RS-232, USB Host (Front), USB Device (Rear)
<b>Draft Shield</b>	Yes
<b>Calibration</b>	Internal
<b>NTEP Certified – Legal For Trade</b>	No
<b>Display</b>	Full-Color Touchscreen WQVGA Graphic LCD
<b>Backlight</b>	White LED
<b>Controls</b>	4-wire resistive touch screen + 6 membrane keys
<b>Pan Size, Ø (mm / in)</b>	130 / 5.1
<b>Balance Dimensions, W x D x H (mm / in)</b>	350 x 240 x 345 / 13.8 x 9.5 x 13.6
<b>Shipping Dimensions, W x D x H (mm / in)</b>	507 x 387 x 531 / 20.0 x 15.4 x 20.9
<b>Net Weight (Kg / lb)</b>	5.8 / 12.8
<b>Shipping Weight (Kg / lb)</b>	8.5 / 18.8
<b>Conformance</b>	<ul style="list-style-type: none"> <li>- <b>Metrology:</b> NIST Handbook 44, Measurement Canada Weights and Measures Regulations (Class I, nmax 220000; Class II, nmax 52000)</li> <li>- <b>Product Safety:</b> CSA C22.2 No. 61010-1, UL 61010-1, IEC 61010-1</li> <li>- <b>Electromagnetic Compatibility:</b> FCC Part 15 Class A, ICES-001 Class A, IEC 61326-1 (emissions Class B, immunity Industrial requirements)</li> </ul>

**ADDITIONAL INFORMATION:**

**Warranty:** 2 years

**Compatible Printer:** 7363-01



**Front-mounted USB Host**