





Intuitive Balances Designed for Routine Weighing

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, three level user management to fulfill GLP/GMP compliance capabilities, two USB ports, and much more, Adventurer is the most complete balance in its class.

Unique Features Include:

- Adventurer balances feature a color touchscreen, icon-based user interface, and an ergonomic design making them easy to configure and use.
- Features such as specialized weighing modes, multiple connectivity options, and AutoCal[™] provide versatility and flexibility for a variety of applications.
- Durable construction, large weighing surfaces, a space-saving draftshield design, and full housing in-use cover allow for use in lab, education and industrial environments.

Stability, Accuracy, and Fast Operation Ensure Optimal Weighing Results in Routine Weighing Tasks

Weighing Performance

Delivers stable and reliable weighing results for routine weighing tasks

Stabilization Time

Adventurer's fast stabilization time improves productivityin the laboratory

Calibration

- AutoCal[™] Selected models feature OHAUS' automatic internal calibration system that performs routine maintenance by calibrating the balance daily
- External Calibration Traditional calibration in which the operator manually calibrates the balance with their choice of calibration weight value to ensure accuracy available on every model

Color Touchscreen Offers Easy and Fast Operation of Adventurer's Applications

- Operate and access Adventurer's nine application modes and abundant features that eliminate the need to do several manual calculations through the modern color touchscreen
- Operators can wear laboratory gloves while utilizing the touchscreen, eliminating the inconvenience and hazards associated with constantly putting on and removing gloves
- 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





Application Modes



Weighing Determine the weight of items in the selected unit of measure.



Dynamic Weighing Weigh an unstable load. Scale takes an average of weights over a period of time.



Display Hold Manually holds the last stable weight or highest weighing value on the display.



Density Determination Determine density of solids or liquid. With the weigh below hook, it's possible to perform specific gravity tests for objects that cannot be easily placed on the weighing pan.

Count samples of uniform weight.

Parts Counting



Totalization / Statistics Measure cumulative weight of multiple items. Cumulative total may exceed balance capacity.



Percent Weighing Measure the weight of a sample displayed as a percentage of a preestablished Reference Weight.



Check Weighing Compare the weight of a sample against target limits.

| L | 20 |
|---|----------|
| L | |
| L | |
| L | _ |

Formulation

For compounding and recipe making. The number of components can range from 2 to 50.



Batch Printing Combine multiple samples into one printout rather than printing them one at a time.

Equipped with the Connectivity and Functional Features Required in Laboratories

Dual USB Ports

- 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
- The connectivity options help meet traceability requirements in traditional installations

Label Printing Function

• Easy to link with Zebra printer and have one built-in label printing template

Balance Profiles

• 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

Below Minimum Sample Weight Indication

• 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 standard

Space-saving Draftshield Designed to Improve User Experience and Accessibility

- Draftshield doors are constructed of two glass panels, reducing the space required on the lab bench when the doors are open
- Wide door entry provides unobstructed access and allows larger weighing vessels to be easily placed on the pan, reducing the chance of accidental spillage
- Easy to keep clean in order to ensure a safe workspace by minimizing contamination

Power Saving Functions

• The Adventurer is designed with various power-saving features that help reduce the environmental impact. These include auto-off and brightness controls.

User Management Function ensures data security and data traceability

- 3 level user management function ensures data security and data traceability requirements
- One administrator, two supervisors and 10 users have preset accessibility in the software

Real Time Clock with GLP/GMP Data

- A real-time clock function keeps accurate time even during power loss
- GLP data capability has the ability to record Sample name, Project names and Balance IDs to help meet traceability and compliance requirements









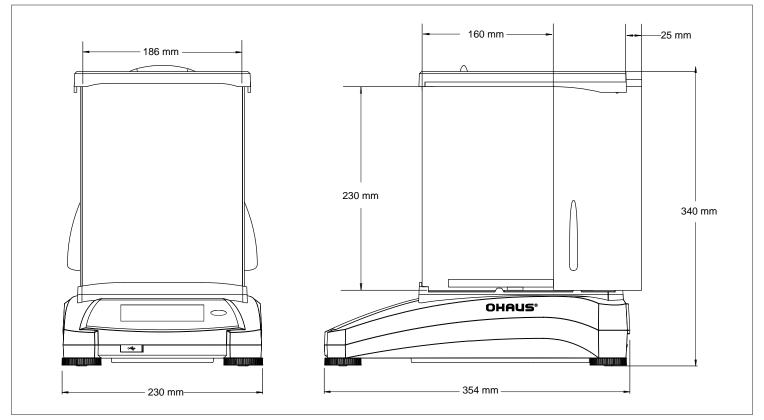
Specifications

| Model | AX125D | AX85 | AX225D | AX124 | AX224 | A | (324 | AX223 | | AX423 | AX523 | AX623 | | |
|---|-----------------------|---|---|--|--|-----------------------------|---|---|--|---|---|---|--|--|
| External Calibration | | _ | | AX124/E | | | - | AX223/E | | X423/E | AX523/E | AX623/E | | |
| Approved Models | AX125DM | AX85M | AX225DM | AX124M | 1 AX224M | AX | 324M | AX223M | A | X423M | AX523M | AX623M | | |
| Capacity (g) | 82/120 | 82 | 102/220 | 120 | 220 | 3 | 320 | 220 | | 420 | 520 | 620 | | |
| Readability d (g) | 0,0001 | 0,00001 | 0,0001 | | 0,0001 | | | | | 0,00 | | | | |
| Verification Interval* e (g) | | 0,001 | | | 0,001 | | | | | 0,01 | | | | |
| Class* | | | | 1 | | | | | | | | | | |
| Repeatability (sd.), | i | | | | | | | | | | | | | |
| ≤5% of Full Load (g) | | 0,00001 | | | 0,00008 | | | | | 0,000 | 8 | | | |
| Repeatability (sd.), 5% of Full Load to Fine Range Max (g) | | 0,00002 | | | | | | | - | | | | | |
| Repeatability (sd.), 5% of Full Load to Full Range (g) | 0,0001 0,00002 0,0001 | | | | 0,0001 | 0,0001 | | | | | 0,001 | | | |
| Linearity Deviation, Typical (g) | ±0,00006 | ±0,00006 | ±0,00006 | | ±0,00006 | | | | | ±0,000 |)6 | | | |
| Linearity Deviation (g) | ±0,00000 | ±0,00000 | ±0,00000 | | ±0,00002 | | | | | ±0,00 | | | | |
| Stabilization Time (sec) | ±0,0001 | 8s | ±0,0001 | | | | | | | | 2 | | | |
| | | 05 | 2 | ≤3 | | | | ≤2 | | | | | | |
| Sensitivity Drift (ppm/°C) | | | 2 | <u>}</u> | | | | 3 | | | | | | |
| Min-Weight (Typical) (g) (USP, K=2, U=0.10%) | | 20 mg | | 0,16 | | | | 1,6 | | | | | | |
| Min-Weight (Optimal) (g) (USP, K=2, U=0.10%, SRP≤0.41d)** | 8,2 mg | | | | 0,082 g | | | | 0,82 g | | | | | |
| Weighing Units | Baht, carat, | grain, gram, milli | gram, mesgal, mo | omme, Newton, o | ounce, pennyweight | , pound, Tael | l (Hong Kon | g), Tael, (Singa | pore), Tae | l (Taiwan), tical | , tola, troy ounce, | custom (1) | | |
| Weighing Units, Approved Models | | | | | | mg, g, ct | | | | | | | | |
| Weighing Applications Pan Size | Weig | hing, Parts Count Ø 3.1 in / 80 mn | | hing, Check Weig | ghing, Dynamic Wei Ø 90 mm | ghing, Form | ulation, Der | sity Determin | ation, Tota | alization, Displa Ø 130 r | | nting | | |
| Calibration | ; | חחו vo vini | | ture external cal | bration. Models feat | | ™intornal - | alibration and | ant for AV | | | | | |
| | <u> </u> | | All models rea | core external call | | | | andration, exc | epcilor AX. | / L HIOURIS | | | | |
| Tare Range | | | | | | ity by subtra | | | | | | | | |
| Power Requirements | | | | | AC Adapter Input: | | | Hz | | | | | | |
| - | | | | | AC Adapter O | | | CD | | | | | | |
| Display Type | | | | | Full-Color Touchso | | · · | CD | | | | | | |
| Display Size | | | | | | nm (diagona | | | | | | | | |
| Base Housing ($W \times H \times D$) | | | | | 354× | 340 × 230 m | im | | | | | | | |
| Communication | [| | | | RS232, US | B Device, US | B Host | | | | | | | |
| Temperature Range | | | | | 10 | °C to 30°C | | | | | | | | |
| Humidity Range | | | | Maxim | um relative humidit | y 80% for te | mperatures | up to 30°C | | | | | | |
| Storage Conditions | | | | | 60°C at 10% to 909 | | | | | | | | | |
| Shipping Dimensions | | | | | | 387 × 531 m | | | | | | | | |
| Net Weight | | | | 5,1 kg | 507 X | 507 × 551 m | | | | 5,8 k | | | | |
| Shipping Weight | | | | 7,8 kg | | | | | | 8,5 k | - | | | |
| Shipping weight | <u>.</u> | | | 7,0 KY | | | | | | 0,5 K | 1 | | | |
| | | | | | | | | | | | | | | |
| Model | AX422 | AX822 | AX1502 | AX2202 | AX4202 | AX5202 | AX620 | 2 AX2 | 201 | AX4201 | AX8201 | AX12001 | | |
| Model External Calibration | AX422 AX422/E | AX822 AX822/E | | | | AX5202 | | | | | | | | |
| External Calibration | | | AX1502 AX1502/E AX1502M | AX2202 AX2202/E AX2202M | AX4202/E | AX5202 — X5202M | AX6202 | /E AX22 | 201 201/E | AX4201 AX4201/E | AX8201 AX8201/E AX8201M | AX12001/E | | |
| External Calibration Approved Models | AX422/E — | AX822/E — | AX1502/E AX1502M | AX2202/E AX2202M | AX4202/E AX4202M | X5202M | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E | AX8201/E AX8201M | AX12001/E AX12001M | | |
| External Calibration Approved Models Capacity (g) | | AX822/E | AX1502/E | AX2202/E AX2202M 2200 | AX4202/E AX4202M A 4200 A | _ | AX6202 | /E AX22 | 201/E - | AX4201/E | AX8201/E AX8201M 620 | AX12001/E | | |
| External Calibration Approved Models Capacity (g) Readability d (g) | AX422/E — | AX822/E — | AX1502/E AX1502M | AX2202/E AX2202M | AX4202/E AX4202M A 4200 A | X5202M | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 | AX4202/E AX4202M A 4200 A | — X 5202M 5200 | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 – | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* | AX422/E — 420 | AX822/E — | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 | AX4202/E AX4202M A 4200 A | X5202M | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 — — | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 | AX4202/E AX4202M A 4200 A | — X 5202M 5200 | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 — — | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 | AX4202/E AX4202M A 4200 A | — X 5202M 5200 | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 — — | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 | AX4202/E AX4202M A 4200 A | — 5200 II | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 — — | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 | AX4202/E AX4202M A 4200 A | — 5200 II | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E | AX8201/E AX8201M 620 0,1 0,1 0,08 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (scl.), ≤5% of Full Load (g) Repeatability (scl.), 5% of Full Load to Fine Range Max (g) Repeatability (scl.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 | AX4202/E AX4202M A 4200 A | — 5200 II | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E 4200 - 0 0 ±1 | AX8201/E AX8201M 620 0,1 .08 | AX12001/E AX12001M 620 | | |
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| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (scl.), ≤5% of Full Load (g) Repeatability (scl.), 5% of Full Load to Fine Range Max (g) Repeatability (scl.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 | AX4202/E AX4202M A 4200 A | — 5200 II | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E 4200 - 0 0 ±1 | AX8201/E AX8201M 620 0,1 .08 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (scl.), ≤5% of Full Load (g) Reneatability (scl.), 5% of Full Load to Fine Range Max (g) Repeatability (scl.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 | AX4202/E AX4202M A 4200 A | | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E — 4200 — 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 | AX8201/E AX8201M 620 0,1 .08 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation Time (sec) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 0,01 2200 0,01 0,008 0,008 ±0,006 ±0,02 | AX4202/E AX4202M A 4200 A | | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E 4200 - 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 | AX8201/E AX8201M 620 0,1 0,1 0,08 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (scl.), ≤5% of Full Load (g) Repeatability (scl.), 5% of Full Load to Fine Range Max (g) Repeatability (scl.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, =0.10%) | AX422/E — 420 | AX822/E — 820 | AX1502/E AX1502M | AX2202/E AX2202M 2200 0,01 0,008 0,001 ±0,006 ±0,02 0 3 | AX4202/E AX4202M A 4200 A | | AX6202 AX6202 | /E AX22 | 201/E - | AX4201/E 4200 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | AX8201/E AX8201M 620 0,1 0,1 0,08 | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/*C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) SRP≤0.41d)*** | AX422/E | AX822/E 820 | AX1502/E AX1502M 1520 | AX2202/E AX2202M 0,01 2200 0,01 0,008 | AX4202/E AX4202M 4200 0,1 | | AX6202 AX6202 6200 | //E AX22 IM 22 - | 201/E | AX4201/E 4200 0 0 1 1 1 8 | AX8201/E AX8201M 620 0,1 0,08 0,1 0,06 0,2 5 60 2 g | AX12001/E AX12001M 620 | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%), SRP≤0.41d)**" Weighing Units | AX422/E | AX822/E 820 | AX1502/E AX1502M 1520 | AX2202/E AX2202M 0,01 2200 0,01 0,008 | AX4202/E AX4202M 4200 0,1 | | AX6202 AX6202 6200 | //E AX22 IM 22 - | 201/E | AX4201/E 4200 0 0 1 1 1 8 | AX8201/E AX8201M 620 0,1 | AX12001/E AX12001M 620 1 II | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units, Approved Models | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 | AX2202/E AX2202M 2200 0,008 0,008 0,008 ±0,002 3 16 8,2 g ance, pennyweigl | AX4202/E AX4202M 4200 0,1 0,1 ht, Baht, carat, grain, g, kg, ct | | AX6202 AX6202 6200 | /E AX22 M 22 | 201/E 000 00 00 000 000 000 000 000 000 000 | AX4201/E | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%), SRP≤0.410)*** Weighing Units, Approved Models Weighing Units, Approved Models | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 | AX2202/E AX2202M 2200 0,008 0,008 0,008 ±0,002 3 16 8,2 g ance, pennyweigl | AX4202/E AX4202M 4200 0,1 0,1 ht, Baht, carat, grain, g, kg, ct ghing, Dynamic Weig | | AX6202 AX6202 6200 | /E AX22 M 22 | 201/E 000 00 00 000 000 000 000 000 000 000 | AX4201/E | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), <5% of Full Load (g) | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der | g), Tael (Singaj sity Determin | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) "Weighing Units Weighing Units, Approved Models Weighing Applications Pan Size Calibration | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 1 0,1 ht, Baht, carat, grain, g, kg, ct yhing, Dynamic Weie 175 bration. Models feat | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal cc | g), Tael (Singaj sity Determin | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), <5% of Full Load (g) | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 1 0,1 ht, Baht, carat, grain, g, kg, ct ghing, Dynamic Weig 177 bration. Models feat To capaci | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction | g), Tael (Singaj sity Determin. | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), <5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Dytimal) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units, Approved Models Weighing Applications Pan Size Calibration | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 1 0,1 ht, Baht, carat, grain, g, kg, ct yhing, Dynamic Weie 175 bration. Models feat | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction 0.3A 50-60 | g), Tael (Singaj sity Determin. | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Pan Size Calibration Tare Range | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal cc ction 0.3A 50-60 DC 0.84A | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II sg, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation (Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Weighing Applications Pan Size Calibration Tare Range Power Requirements | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal c ction 0.3A 50-60 DC 0.84A A Graphic L0 | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal c ction 0.3A 50-60 CO .84A A Graphic L(I) | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), <5% of Full Load (g) | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal ci Cition 0.3A 50-60 Co .84A A Graphic Li I) m | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), <5% of Full Load (g) | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,006 ±0,002 3 16 8,2 g ince, pennyweigl hing, Check Weig | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal ci Cition 0.3A 50-60 Co .84A A Graphic Li I) m | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%, SRP≤0.410)*** Weighing Units Weighing Units, Approved Models Weighing Units, Approved Models Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigl hing, Check Weig ture external cali | AX4202/E AX4202M 4200 1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal cc tction 0.3A 50-60 CC 0.84A A Graphic Lt I) m B Host | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), 55% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Weighing Units, Approved Models Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range Humidity Range | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigI hing, Check Weig ture external cali | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal ca ction 0.3A 50-60 CC 0.84A A Graphic LU I) m B Host mperatures | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Weighing Applications Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range Humidity Range Storage Conditions | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigI hing, Check Weig ture external cali | AX4202/E AX4202M 4200 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction 0.3A 50-60 DC 0.84A A Graphic L0) m B Host mperatures midity, non- | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, , g, k | AX12001/E AX12001M 620 1 II II g, ct | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range Humidity Range Storage Conditions Shipping Dimensions | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigI hing, Check Weig ture external cali | AX4202/E AX4202M 4200 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction 0.3A 50-60 DC 0.84A A Graphic L0) m B Host mperatures midity, non- | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, g, k y Hold, Batch Prir | AX12001/E AX12001M 620 1 II II iii iii iiiiiiiiiiiiiiiiiiiiii | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation, Typical (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range Humidity Range Storage Conditions Shipping Dimensions Net Weight | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigI hing, Check Weig ture external cali | AX4202/E AX4202M 4200 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction 0.3A 50-60 DC 0.84A A Graphic L0) m B Host mperatures midity, non- | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, g, k y Hold, Batch Prir | AX12001/E AX12001M 620 1 II II custom (1) ig, ct itting 4 kg | | |
| External Calibration Approved Models Capacity (g) Readability d (g) Verification Interval* e (g) Class* Repeatability (sd.), ≤5% of Full Load (g) Repeatability (sd.), 5% of Full Load to Fine Range Max (g) Repeatability (sd.), 5% of Full Load to Full Range (g) Linearity Deviation (g) Stabilization Time (sec) Sensitivity Drift (ppm/°C) Min-Weight (Typical) (g) (USP, K=2, U=0.10%) "Min-Weight (Optimal) (g) (USP, K=2, U=0.10%) Weighing Units Weighing Units Weighing Units Pan Size Calibration Tare Range Power Requirements Display Type Display Size Base Housing (W×H×D) Communication Temperature Range Humidity Range Storage Conditions | AX422/E | AX822/E — 820 — - yram, mesgal, mo | AX1502/E AX1502M 1520 mme, Newton, ou ing, Percent Weig | AX2202/E AX2202M 2200 0,01 0,008 0,01 ±0,006 ±0,02 3 16 8,2 g ince, pennyweigI hing, Check Weig ture external cali | AX4202/E AX4202M 4200 | | AX6202 AX6202 6200 (Hong Kon ulation, Der ™ internal co ction 0.3A 50-60 DC 0.84A A Graphic L0) m B Host mperatures midity, non- | /E AX22 M | 201/E - 00 00 00 00 00 00 00 00 00 | AX4201/E — 4200 — — — — — — — — — — — — — | AX8201/E AX8201M 620 0,1 0,08 0,1 0,06 0,2 5 60 2 g tola, troy ounce, g, k y Hold, Batch Prir | AX12001/E AX12001M 620 1 II II iii iii iiiiiiiiiiiiiiiiiiiiii | | |

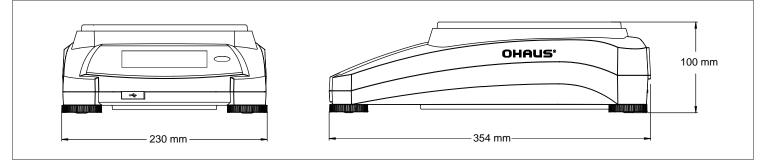
** The value for SRP is the standard deviation for n replicate weighings (n \geq 10)

Outline Dimensions

0.1 and 1mg Models



0.01 and 0.1g Models



Additional Features

RS232 interface, integrated weigh below hook, full housing in-use cover, removable stainless steel pan, die-cast metal bottom housing, security bracket, illuminated up-front level indicator, four adjustable feet, software lockout menus, stability indicator, software overload/underload indicators, user selectable environmental settings, audible indicator, user selectable brightness settings, auto dim, auto-standby, auto-off, touchscreen calibration, auto tare, user selectable operating language (14), compatible interface command with MT-SICS and ST protocol.

Compliance

| Metrology (AXM models only): OIML R76; EN 45501 |
|--|
| Product Safety: IEC/EN 61010-1; CAN/CSA C22.2 61010-1; UL 61010-1 |
| Electromagnetic Compatibility: IEC/EN 61326-1(Class B, basic requirements); FCC Part 15 Class A, Canada ICES-003 Class A |
| Compliance Marks: CE, UKCA, CSA |
| Other: WEEE, RoHS |
| |

Accessories

| SF40A Impact Printer | |
|------------------------------------|--|
| Auxiliary Display, AD7-RS | |
| Density Determination Kit | |
| Cable, USB Interface (Type A to B) | |
| Security Device (Laptop Lock) | |
| RS232 Cable, PC 9 Pin. | |

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