



Valor™ 4000

Compact Bench Scales



First-of-Its Kind Scale Improves Safety, Efficiency and Productivity of Wet Food Weighing!

The OHAUS Valor 4000 water-resistant food scale raises the bar and sets a new high industry standard through its unmatched efficiency, accuracy and durability. A water-resistant design, the largest LED display on the market, almost instantaneous results and high accuracy are just a few of the reasons that the Valor 4000 is the premiere scale for working with liquids or in a wet environment.

Standard Features Include:

- **Knife Proof Overlay Prevents Damage from Sharp Objects**—The durable housing and polycarbonate overlay protect the scale from damage when it comes into contact with sharp objects. Its two function keys can even be pressed with a knife or sharp object!
- **Flow Thru™ Design Protects Valor 4000 from Water Damage** — Valor 4000's flow-thru design makes it safe for weighing liquids or working in wet environments. The highly durable Valor 4000 can get wet and will not sustain damage.
- **Fast and Accurate Results Time and Time Again** — Don't sacrifice speed or accuracy – with Valor 4000, you will have both! Valor 4000 has a maximum external resolution of 1:6,000/7,500 and displays results in less than half a second.
- **Large Dual Displays Allow Two Operators to Easily Work on Valor 4000 at the Same Time** — With the largest dual LED displays in its class, Valor 4000 can be easily utilized by two operators. Even in less than optimal conditions, the large, brightly lit displays ensure that you can see your results with ease.

Valor™ 4000 *Compact Bench Scale*

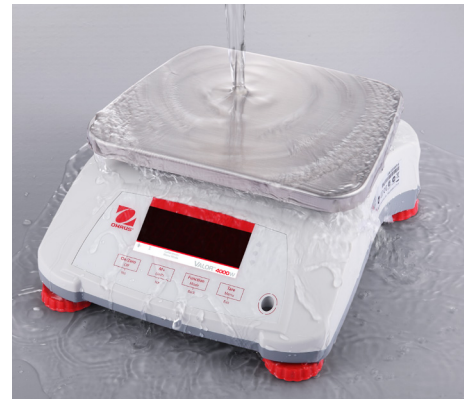
Knife Proof Overlay Prevents Damage from Sharp Objects

Valor 4000 is constructed with highly durable 0.5 mm polycarbonate overlay, protecting it when it comes in contact with sharp objects such as knives, scissors, and other kitchen tools. Its two function keys can even be safely pressed with sharp objects so the operator never has to put down their tool or utensil or interrupt the flow of their work!



Flow Thru™ Design Protects Valor 4000 from Water Damage

The flow-thru, water-resistant design allows for safe weighing of liquid components and can be used in harsh or damp environments. Valor 4000's IPX8 construction makes it durable in extreme environments and eliminates the risk of water damage. Additionally, cleaning your scale has never been safer and easier, further ensuring the cleanliness of your workstation.



Valor 4000 Produces Fast and Accurate Results Time and Time Again

This highly accurate scale has a 1:6,000/7,500 maximum displayed resolution and displays results in less than half a second, increasing productivity and efficiency in the workplace. Maximize your time and get more accomplished in a shorter time period with the assistance of Valor 4000's speed and precision



Large Dual Displays Allow Two Operators to Easily Work on Valor 4000 at the Same Time

Two large displays allow two operators to share one scale and are easy-to-read even from a distance. The LED screens are almost one inch high and 46% larger than comparable products. The size of the screens make results easy to read in dark and dim conditions. With the option to have two operators use the same machine comes the opportunity to reduce the number of scales needed to do a job in half the time, subsequently cutting your equipment costs in half.



Rear Display

Power and Portability

The 100-240 VAC universal power adapter can be operated from virtually any power source and automatically switch to adapt to different power and voltage lines. When plugging your machine in is not an option, the built-in, rechargeable lead acid battery will provide power for 50 continuous hours, ensuring uninterrupted operation for more than a full work week!



Practical Touchless Sensors

An infrared sensor next to the back display allows the second operator to tare the scale with simply a swipe of the hand, without having to wait for the other operator to press the Tare button. This touchless sensor technology provides full functionality of Valor 4000 to both operators.



Application Modes

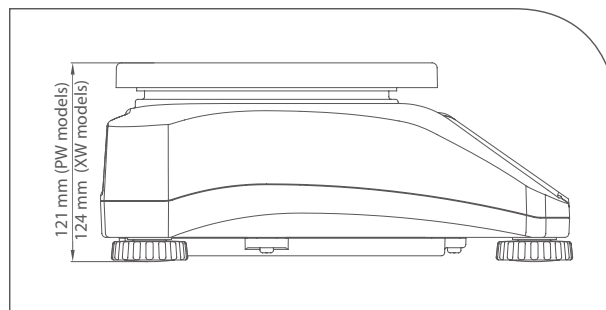
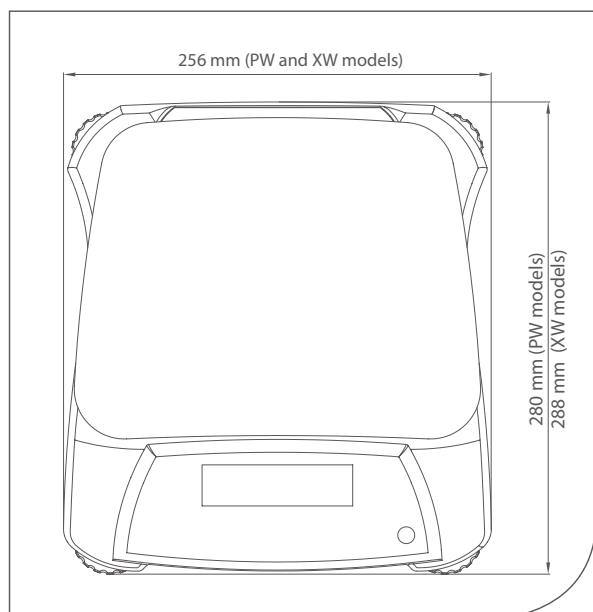
- **Weighing**—Determine the weight of items in the selected unit of measure.
- **Percentage Weighing** – Measure the weight of a sample displayed as a percentage of a pre-established Reference Weight.
- **Check Weighing** – Compare the weight of a sample against target limits.
- **Accumulation** – Totalization of weight or percent. Calculates total accumulated weight of separate items.

Certifications

The Valor 4000's food-safe design is NSF Certified, USDA-AMS Accepted and supports HACCP-Certified systems.



In addition, the Valor 4000...M Models are designed and engineered to meet stringent OIML and NAWI Directive (Non Automatic Weighing Instruments) requirements for use in legal and prescribed applications such as in standard industries, stores or QC laboratories. The Valor 4000...M Models have been designed and verified to meet or exceed the Class III accuracy requirements in accordance with EC Directives and EN45501.



Valor™ 4000 Specifications

Model	V41PWE1501T V41XWE1501T	V41PWE3T V41XWE3T	V41PWE6T V41XWE6T	V41PWE15T V41XWE15T
Capacity x Readability	1.5 x 0.0002 kg 1500 x 0.2g	3 x 0.0005 kg 3000 x 0.5 g	6 x 0.001 kg 6000 x 1 g	15 x 0.002 kg 15000 x 2 g
Maximum Displayed Resolution	1: 7,500	1:6,000	1:6,000	1:7,500
Certified Model	V41PWE1501T-M V41XWE1501T-M	V41PWE3T-M V41XWE3T-M	V41PWE6T-M V41XWE6T-M	V41PWE15T-M V41XWE15T-M
Certified Capacity x Readability	1.5 x 0.0005 kg 1500 x 0.5 g	3 x 0.001 kg 3000 x 1 g	6 x 0.002 kg 6000 x 2 g	15 x 0.005 kg 15000 x 5 g
Certified Resolution (n max)	1:3,000			
Weighing Units	g, kg, lb, oz, lb:oz (standard models) g, kg (certified models)			
Application Modes	Weighing, Percent Weighing, Checkweighing, Accumulation			
Keyboard	Four mechanical switches with polycarbonate overlay			
Calibration	Digital external span calibration			
Display	7 segment, 6 digital / 20.5 mm high red LED dual display			
Display Indicators	Stability, Center of Zero, Net, Battery Status, IR sensor and Accumulation			
Checkweighing Indicators	3 LED (yellow, green, red) with configurable operation			
IR Sensor	Rear side, Tare function			
Tare Range	To capacity by subtraction			
Zeroing Range	4% - 20% of Capacity			
Stabilization Time	≤0.5 second			
Overload Capacity	150% of capacity			
Operating Temperature Range	-10 ° C to 40 ° C, 10% to 95% relative humidity non-condensing			
Construction	V41PW: Stainless steel platform, ABS housing V41XW: Stainless steel platform and housing			
Power	12V DC 0.84A, AC Universal adapter (100-220V AC / 50-60Hz) included Built-in internal rechargeable lead acid battery			
Battery Life	Internal rechargeable sealed lead-acid battery with 50 hours continuous use			
Ingress Protection	IPX8			
Platform Size	190 x 242 mm			
Scale Dimensions (W x D x H)	V41PW: 280 x 256 x 121 mm V41XW: 288 x 256 x 124 mm			
Shipping Dimensions (W x D x H)	410 x 370 x 220mm			
Net Weight	V41PW: 3.0 kg V41XW: 3.9 kg			
Shipping Weight	V41PW: 4.0 kg V41XW: 4.9 kg			

Other Standard Features and Equipment

Adjustable feet, level bubble, menu and mode setup navigation prompts on keys, easy-to-transport carrying handle, stainless steel platform and chemical-resistant overlay, mechanical keys, spring loaded cover to protect power connector of scale

Approvals

- **Metrology:** OIML/EC 3000e; US NTEP/CWM 3000e; AU/NZ NMI 3000e;
- **Product Safety:** CAN/CSA-C22.2 No. 61010-1-04; UL Std. No. 61010-1 (2nd Edition)
- **Electromagnetic Compatibility:** FCC, Part 15, Class A; EN61326-1:2006 (Class B); C-Tick
- **Environmental Protection:** IPX8
- **Food Safety:** NSF; USDA
- **Other:** WEEE/RoHS



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