Valor®2000

Compact Bench Scales

V22PW

V22XW

A durable, rapid-response food processing scale that enhances safety, efficiency, and productivity even in harsh environments!

The OHAUS Valor 2000 water resistant food scale sets a new industry standard with the winning combination of speed and durability. Available in both stainless steel and plastic housing designs, Valor 2000 offers large LED front and rear displays, food safety approvals and puncture resistant keypads, making it the premiere value scale for use in dry or washdown environments.

Standard Features Include:

- **Knife Proof Keypad Prevents Damage from Sharp Objects** — Valor 2000 has a polycarbonate keypad that can endure contact with knives or sharp instruments used daily in demanding food preparation, processing and portioning applications.
- **Flow-Thru Design Protects Valor 2000 in Harsh Environments** — Safe to use in the weighing of liquids and in wet environments, Valor 2000 is NSF Certified and has an IPX8 flow-thru design which channels fluids that may enter the housing through strategically located drain holes, ensuring the scale remains clean and operational.
- **Fast Speed and Large Dual Displays Allows More than One Operator to Easily Work on Valor 2000** — With less than a one second stabilization time and front and rear LED displays, multiple operators can efficiently utilize one scale for the same job.
- **Stainless Steel Version Offered with Extra Check Weighing Mode** — The Valor 2000 stainless steel models feature an easy to clean, rigid and protective 304 stainless steel top housing with check weighing mode, expanding its functionality.

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Knife Proof Keypad Prevents Damage from Sharp Objects

The Valor 2000 is constructed with highly durable 0.5 mm (0.02") thick polycarbonate keypad which is impact and puncture resistant. Valor 2000's smooth glossy surfaces easily repel stains, moisture, corrosive fluids and food contaminants, and stainless steel models offer an extra layer of protection.

Flow Thru™ Design Protects Valor 2000 in Harsh Environments

The flow-thru IPX8, water-resistant design allows for weighing of liquid components and can be used in harsh environments by channeling fluids that may enter the housing to strategically located drain holes, ensuring the scale remains clean and operational. The internal components and connections are silicone sealed to protect the scale from fluids and from condensation that may form inside the scale from constant temperature changes in a typical processing environment. The scale can be easily washed off at the end of each shift to keep it in sanitary condition and avoid the growth of bacteria from food contaminants.

Fast Speed and Large Dual Displays Allow More than One Operator Easily to Work on Valor 2000

Rear Display

Not only does Valor 2000 display results in less than half a second, but with its front and back displays, more than one operator can use the scale for the same job, truly bolstering productivity.

Stainless Steel Version Offered with Extra Check Weighing Mode

The 304 stainless steel Valor 2000's provide an extra layer of protection, as well as an additional checkweighing mode. This ruggedly durable and easy to clean model enhances the scale's usability for all checkweighing applications, including sorting, portioning, and quality assurance.

Power and Portability

The 100-240 VAC universal power adapter can be operated from virtually any power source and can automatically switch to adapt to different power and voltage lines. When plugging in your machine 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!

Adapter connection cover underneath the scale is spring loaded to ensure the power receptacle is protected from the ingress of moisture, especially when the scale is washed down.

Non-Slip Leveling Feet

Large fully rubberized feet are located at extreme corners of the scale to ensure a wide stance and surface resistance that minimizes the risk of the scale sliding or falling off smooth surfaces. The rubber of the feet extends to the shaft that ensures no grooves are exposed when fully extended; a design that passes NSF standards.

Simple Operation with largest LED display

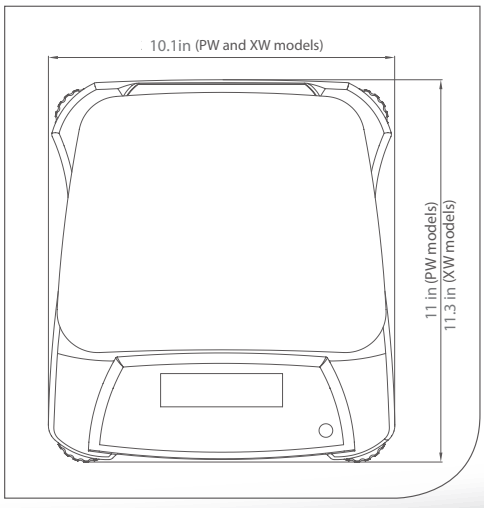
Valor 2000 was designed with the basic weighing needs of the food industry in mind. The LED display window is 20.5mm (0.8 inch) high, which is bigger than most competitive products. It is exceptionally easy to setup and operate, resulting in increased productivity.

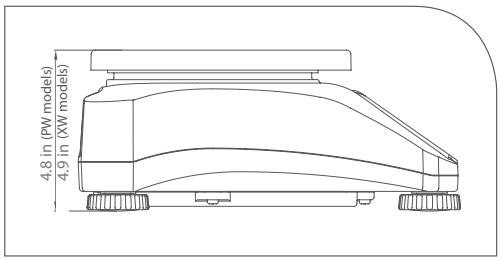
Application Modes

- **Weighing** — Determine the weight of items in the selected unit of measure.
- **Check Weighing (V22XW only)** — Use the bright red/yellow/green LED's to easily fill containers and packages by weight -- great for sorting, grading and portioning.

Certifications

The Valor 2000 is Certified to NSF/ANSI 169 Special Purpose Food Equipment and Devices and is USDA-AMS Accepted to NSF/ANSI /3-A 14159-1 Hygiene Requirements for the Design of Meat and Poultry Processing Equipment.





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Model	V22PWE1501T V22XWE1501T	V22PWE3T V22XWE3T	V22PWE6T V22XWE6T	V22PWE15T V22XWE15T
Capacity (max) x Readability (d)	1.5 kg x 0.0002 kg 1500 g x 0.2 g 3 lb x 0.0005 lb 48 oz x 0.01 oz 3 lb x 0.01 oz (lb:oz)	3 kg x 0.0005 kg 3000 g x 0.5 g 6 lb x 0.001 lb 96 oz x 0.02 oz 6 lb x 0.02 oz (lb:oz)	6 kg x 0.001 kg 6000 g x 1 g 15 lb x 0.002 lb 240 oz x 0.05 oz 15 lb x 0.05 oz (lb:oz)	15 kg x 0.002 kg 15000 g x 2 g 30 lb x 0.005 lb 480 oz x 0.1 oz 30 lb x 0.1 oz (lb:oz)
Maximum Resolution (d)	1:7,500	1:6,000	1:6,000	1:7,500
Weighing Units	g, kg, lb, oz, lb:oz			
Application Modes	V22PW: Weighing V22XW: Weighing, Checkweighing			
Keyboard	V22PW: Two mechanical switches with polycarbonate overlay V22XW: Four mechanical switches with polycarbonate overlay			
Calibration	Digital external span calibration			
Display	7 segment, 6 digit, 20.5 mm / 0.8 in high red LED dual display			
Display Indicators	Stability, center of zero, net, battery status			
Tare Range	To capacity by subtraction			
Zero Range	-10% to 10% of Capacity			
Stabilization Time	≤0.5 second			
Safe Overload Capacity	150% of capacity			
Operation Temperature Range	-10 ° C to 40 ° C / 14° F to 104° F, 10% to 90% relative humidity non-condensing			
Construction	V22PW: stainless steel platform, ABS housing V22XW: Stainless steel top housing and platform, ABS bottom housing			
Power	12V DC 0.84A, AC Universal adapter (100 - 220V AC / 50 -60Hz) and built-in internal rechargeable lead acid battery included			
Battery Operation	Typically 50 hours of continuous use with 12-hour full charge			
Ingress Protection	IPX8 Washdown			
Pan Size	190 x 242 mm / 7.5 x 9.5 in			
Scale Dimensions (W × D × H)	V22PW: 256 x 280 x 121 mm / 10.1 x 11 x 4.8 in V22XW: 256 x 288 x 124 mm / 10.1 x 11.3 x 4.9 in			
Shipping Dimensions (W × D × H)	410 x 370 x 220mm / 16.1 x 14.6 x 8.7 in			
Net Weight	V22PW: 3.0 kg / 6.6 lb V22XW: 3.9 kg / 8.6 lb			
Shipping Weight	V22PW: 4.0 kg / 8.8 lb V22XW: 4.9 kg / 10.8 lb			

Other Standard Features and Equipment

Level bubble, easy-to-transport carrying handle, removable stainless steel platform and chemical-resistant overlay, mechanical keys, spring loaded cover to protect power connector of scale

Approvals

- **Product Safety:** IEC 61010-1:2010; CAN/CSA-C22.2 No. 61010-1-12; UL Std. No. 61010-1 (3rd Edition)
- **Electromagnetic Compatibility:** FCC Part 15; Industry Canada ICES-003 – Class B
- **Ingress Protection:** IEC 60529 Edition 2.1 – IPX8
- **Food Safety:** NSF/ANSI 169-2009; NSF/ANSI /3-A 14159-1-2010
- **Other:** WEEE/RoHS

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