



Navigator™ XT

Portable Scales



The Only Scale in its Class with Touchless Sensors That Free Up Your Hands!

OHAUS raises the bar in value-oriented scales...again! The Navigator™ series offers a unique combination of features, including touchless sensors, ultra-fast response time and superior overload protection for use in a wide variety of weighing applications.

Standard Features Include:

- **Touchless Sensors** – Navigator XT is designed with two touchless sensors that will free up your hands so you can focus on handling samples. The touch-free control of the zero, print, function or tare operations helps to avoid transferring sample residue to the keypad. In addition, the two sensors can be set up independently to control up to 36 combinations of operations.
- **One Second Stabilization Time** – Navigator XT is designed to accurately stabilize in less than one second to provide fast and accurate weighing results, improving operator efficiency, productivity and throughput.
- **Superior Overload Protection** – Navigator XT is designed with a superior mechanical overload protection system that allows the scale to withstand loads up to 400% of its rated capacity. This prevents damage to the scale and helps it withstand undue shock or overloading. In addition, an integrated shipping lock further protects the weighing cell from damage during transportation or storage.

Navigator™ XT ***Portable Scales***

With its best-in-class combination of features, versatility and performance, the OHAUS Navigator offers a wide range of use in industrial, food and laboratory weighing applications.

Unsurpassed Cleanliness

- Designed with two touchless sensors that free up your hands, allowing you to focus on handling samples and keeping the scale free from contaminants. The touch-free control of tare, zero, print, function and display back-light helps to minimize touching the keypad, thereby avoiding cross-contamination or unwanted residue on or from the scale.
- A polished stainless steel pan, corrosion-free plastic housing and spill-resistant pan sub-assembly embodies a hygienic design that is easy to clean.
- The optional full-body in-use cover wraps over and around the housing and keypad to guard against spills, dust and contamination.

Unmatched Productivity

- Stabilizes in less than one second to provide fast, accurate and repeatable weighing results. This helps improve operator efficiency and increase productivity.
- The internal rechargeable lead acid battery maximizes portability, and the scale can be transported and used where power outlets are not readily available. The rechargeable battery also helps minimize battery replacement and maintenance costs.
- A wave of the hand over the touchless sensors eliminates the extra effort or time to press the keys, which helps increase convenience and efficiency.
- A bright backlit LCD display provides optimum visibility in any lighting condition – indoors or out – with large digits and indicators that make it fast and easy to read the weighing results.

Unbeatable Durability

- Built to hold up to serious loads, the superior mechanical overload protection system enables the scale to safely bear loads up to 4 times its rated capacity.
- Constructed of a high-strength 304 type stainless steel pan and impact-resistant ABS plastic housing that helps the scale stand up to years of use or abuse.
- The touchless sensors minimize the need to press the keypad with your hand, a knife or other sharp objects, reducing wear and tear of the keypad and increasing the effective life of the scale.

Features

Internal Rechargeable Battery

Enhance mobility by being able to work anywhere!



The sealed lead acid battery minimizes battery replacement and reduces maintenance costs.

Multiple Application Modes

Navigator XT is designed for versatility. Multiple application modes such as: counting, percent weighing, checkweighing, display hold and accumulation/totalization address a wide range of use in quality control, inventory management, shipping and receiving, recipes and for formulation, portioning and other popular applications.

Available RS232, USB or Ethernet Interface Kits

These easily installed user options allow connecting the scale to peripheral devices for printing and/or data collection. The connecting cable is integrated in each kit, eliminating the need for additional interface cables.

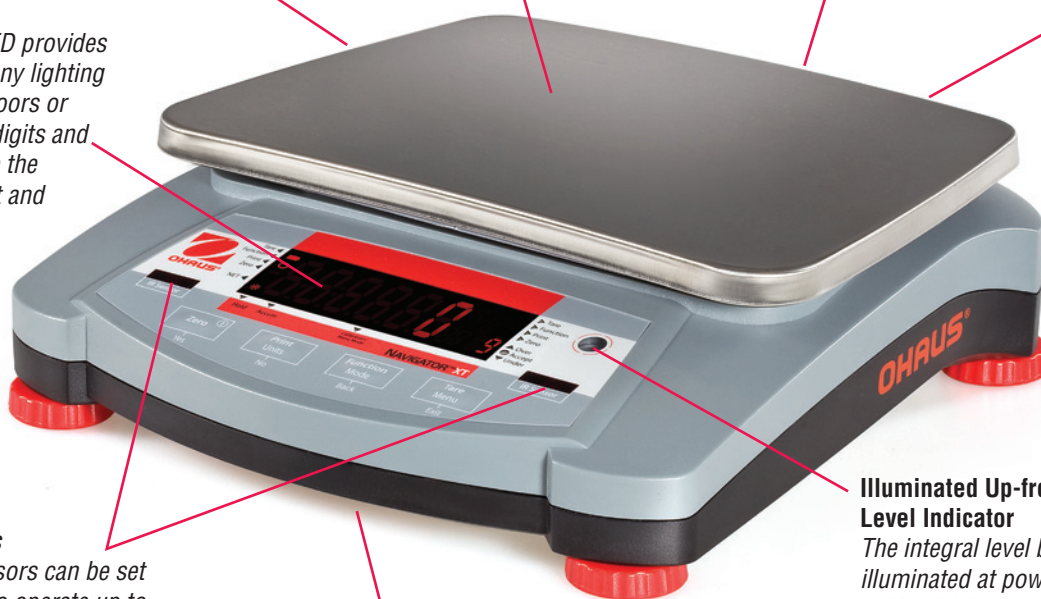


Backlit Display

The bright backlit LED provides optimal visibility in any lighting condition. Used indoors or outdoors, the large digits and indicators also make the weighing results fast and easy to read.

Transportation Lock

The transportation lock prevents undue pressure on the load cell to ensure the scale is received in operational condition. Unlock before use and lock when moving around different locations.



Touchless Sensors

Two touchless sensors can be set up independently to operate up to 36 combinations of operations without touching the keys. Prolongs the life of the keys and keeps the scale clean. Sensors control: Tare, Zero, Print, Function and Display Backlight.

Menu Lock Switch

A menu lock switch acts as an extra supervisor control to prevent unwanted changes to protected scale settings. Simply set up the scale to meet your specific needs then slide the lock switch to avoid changes and calibration.



Illuminated Up-front Level Indicator

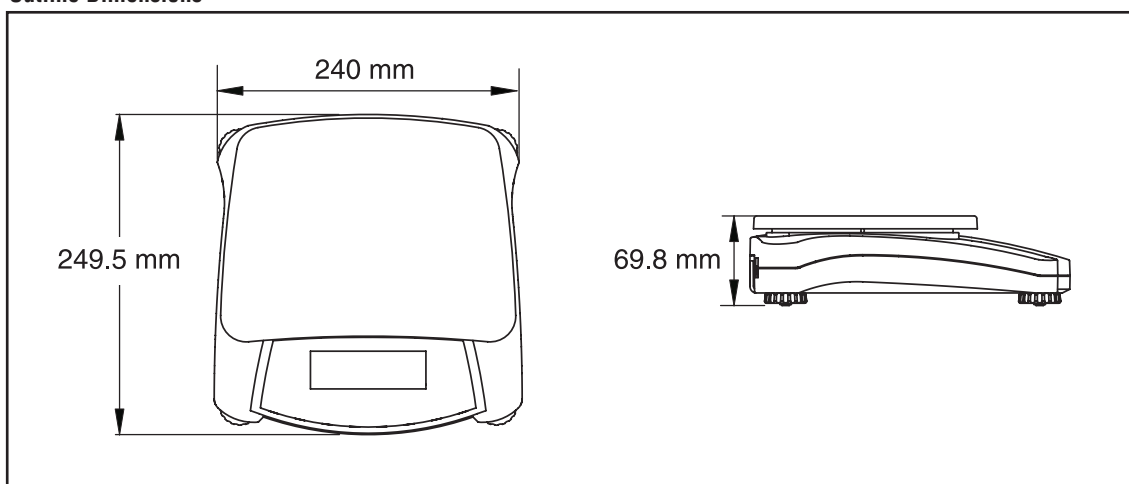
The integral level bubble is illuminated at power up to aid in visibility, and serves as a reminder to level the scale prior to use.



Skid-Resistant Leveling Feet

Independently adjustable, the feet also have skid-resistant rubber pads to provide superior stability, and help prevent damage from slipping or falling over a counter.

Outline Dimensions



Navigator™ XT Portable Scales

Specifications

Models	NVT1601G/3	NVT3201G/3	NVT6401G/3	NVT10001G/3	NVT16000G/3
Capacity	1600g	3200g	6400g	10000g	16000g
Readability (g)	0.1g	0.2g	0.5g	0.5g	1g
Repeatability (g)	0.1g	0.2g	0.5g	0.5g	1g
Linearity (g)	±0.2g	±0.4g	±1g	±1g	±2g
Span Calibration Mass	1kg	2kg	5kg	5kg	10kg
Linearity Calibration Mass	1kg, 1.5kg	2kg, 3kg	3kg, 6kg	5kg, 10kg	10kg, 15kg
Application Modes	Weighing, Percent Weighing, Parts Counting, Check Weighing, Display Hold, Accumulate/Totalize				
Weighing Units	Gram, Kilogram				
Operating Temperature Range	10°C to 40°C				
Stabilization Time	≤1 seconds				
Tare Range	To capacity by subtraction				
AC Power	AC Adapter (included), 12 VDC or 12VAC, 420 mA				
Battery Power	Rechargeable battery				
Calibration	Digital with external weight				
Operating Humidity Range	20% to 85%				
Checkweigh Indicators	Over-Accept-Under LED annunciators				
Display Types	LED: 6-digit 7-segment				
Display Size	20 mm				
Keypad	4-button overlay plus two touchless sensors				
Ingress Protection	IP43				
Pan Size (W x D)	230 mm x 174 mm				
Net Weight	2.5 kg				
Shipping Weight	3.1 kg				
Shipping Dimensions	385W x 335D x 170H mm				
Storage Conditions	-20°C to 55°C at 10% to 90% relative humidity, non-condensing.				

Other Standard Features and Equipment

Integral security bracket, stability indicator, software overload/underload indicators, low battery indicator, auto shut-off, AC adapter, user selectable backlight settings, user selectable printing options, user selectable communications settings.

Accessories

OHAUS Number

Battery Rechargeable Kit, Navigator XT	83032106
RS232 Interface Kit, Navigator Series.....	83032107
USB Interface Kit, Navigator Series	83032108
Ethernet Interface Kit, Navigator Series	83032109
In-Use Cover, Navigator XT	83032221
Carrying Case, Navigator XT	83032224

Compliance

- **Electromagnetic Compatibility:** C-Tick, CE Class B, FCC Class B, ICES-003 Class B
- **Safety (AC adaptors only):** C-Tick, CCC, CE, cCSAus, KTL, PSE, TUV-GS
Compliant to Directive 2002/96/EC on waste electrical and electronic equipment (WEEE)
Compliant to Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
- **Quality:** OHAUS quality management system registered to ISO 9001:2008

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ISO 9001:2008
Registered Quality Management System

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