

Rugged, Multi-Purpose Balances for a Wide Range of General Weighing Applications OHAUS raises the bar in price-performance ratio with the newly-designed Navigator series which is perfect for general weighing applications in laboratory, industrial and education settings. Ruggedly constructed and multifunctional,



Capacity x Readability
220 g x 0.1 g
Pan Size
7.5 x 5.7 in

Manufacture: Ohaus
SKU: NV221
Weight: 2.20 lb
Free Ground Shipping within
the 48 continental US States

Please Call
(800)832-0055

Features

Rugged, Multi-Purpose Balances for a Wide Range of General Weighing Applications OHAUS raises the bar in price-performance ratio with the newly-designed Navigator series which is perfect for general weighing applications in laboratory, industrial and education settings. Ruggedly constructed and multifunctional, the Navigator is a powerful balance that can handle a diverse range of weighing applications with features such as fast stabilization time, overload protection at four times its rated capacity, and easy operation.

Standard Features:

- **Designed for Accuracy and Repeatability in Essential Weighing Applications** Designed for a range of essential weighing applications, the Navigator offers accuracy and repeatability at a competitive pricepoint, making it a valuable tool in laboratory, industrial and education settings.
- **Improved Productivity with Fast Stabilization Time** The Navigator series is designed to accurately stabilize in less than one second to provide fast and accurate weighing results, improving operator efficiency, productivity and throughput.
- **Mechanical Overload Protection Safeguards the Balance and Increases Durability** An overload protection system that can withstand loads up to four times the rated capacity safeguards the balance. An integrated shipping lock protects the weighing cell during transportation/storage.
- **Touchless Sensor for Increased Convenience and Efficiency** The Navigator's touchless sensor frees up your hands for handling samples. Users can zero, print, tare or change functions without touching the balance, keeping sample residue off the keypad.

Other Standard Features and Equipment ABS housing, stainless steel pan, transportation lock, menu and calibration lockswitch, slip-resistant and adjustable feet, leveling bubble, mechanical and software overload/underload protection, stability indicator, low battery indicator, auto shut-off, user-selectable print options, user-selectable communication settings

Compliance

- **Product Safety:** IEC/EN 61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, Basic environments; FCC Part 15 Class B; Canada ICES-003 Class B
- **Compliance Marks:** CE; RCM

Accessories

- **USB Interface:** 83032108
- **RS232 Interface:** 83032107
- **Ethernet Interface:** 83032109
- **Rechargeable Battery Kit:** 83032106
- **Carrying Case:** 30467963
- **Adapter with plugs:** 30467987
- **Printer, SF40A, AM:** 30064203

Specifications

Model with TD52P ABS Indicator	NV222	NV422	NV221	NV621	NV1201	NV2201	NVT2201	NVT4201	NVT2200	NVT6200	NVT12000	NVT22000
	30456410	30456411	30456412	30456413	30456414	30456415	30456416	30456417	30456418	30456419	30456420	30456421
Capacity x Readability	220 x 0.01 g	420 x 0.01 g	220 x 0.1 g	620 x 0.1 g	1200 x 0.1 g	2200 x 0.1 g	2200 x 0.1 g	4200 x 0.1 g	2200 x 1 g	6200 x 1 g	12000 x 1 g	22000 x 1 g
Pan Size	Ø 5.7 in.		7.5 x 5.7 in			9.1 x 6.9 in.						

Stabilization Time(s)	1	1.5	1			1.5	1					
Construction	ABS housing and stainless steel pan											
Calibration	User-selectable external span or linearity calibration / Digital with external weight											
Tare Range	Full capacity by subtraction											
Weighing Units	g, kg, N, oz, ozt, dwt, lb, lb:oz, ct, grain											
Application Modes	Weighing, Parts Counting, Percent Weighing, Checkweighing											
Power Requirement	AC adapter (included) or 4 C batteries (not included)											
Typical Battery Life	270 hours											
Temperature Range	10 °C (50 °F) to 40 °C (104 °F) at 10% to 85% relative humidity, non-condensing											
Storage Conditions	-20 °C (-4 °F) to 55 °C (131 °F) at 10% to 90% relative humidity, non-condensing											
Communication	RS232, USB, or Ethernet (available as accessories)											
Display Type	Liquid Crystal Display (LCD) with backlight											
Display Size	0.78 in. / 20 mm digits											
Balance Dimensions (W x D x H)	8 x 9.1 x 2.8 in.			9.5 x 9.8 x 2.9 in.								
Shipping Dimensions (W x D x H)	8 x 9.1 x 2.8 in.			9.5 x 9.8 x 2.9 in.								
Net Weight	2.2 lb / 1.0 kg			3.3 lb / 1.5 kg								
Shipping Weight	3.3 lb / 1.5 kg			5.1 lb / 2.3 kg								
Span Calibration Mass*	200		300	500	1000	2000	1000	5000	10000			
Linearity Calibration Mass	100, 200 g	200, 400 g	100, 200 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	1 kg, 2 kg	2 kg, 4 kg	1 kg, 2 kg	3 kg, 6 kg	5 kg, 10 kg	10 kg, 20 kg

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