

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**  
420 g x 0.01 g  
**Pan Size**  
5.7 in (Diameter)

Manufacture: Ohaus  
SKU: NV422  
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 30456410	NV422 30456411	NV221 30456412	NV621 30456413	NV1201 30456414	NV2201 30456415	NVT2201 30456416	NVT4201 30456417	NVT2200 30456418	NVT6200 30456419	NVT12000 30456420	NVT22000 30456421
<b>Capacity x Readability</b>	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
<b>Pan Size</b>	Ø 5.7 in.		7.5 x 5.7 in		9.1 x 6.9 in.							

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