



## Ohaus NV621 Navigator w Touchless Sensors Portable Balance 620 x 0.1 g

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**  
620 g x 0.1 g  
**Pan Size**  
7.5 x 5.7 in

Manufacture: Ohaus  
SKU: NV621  
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

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<br>30456410   | NV422<br>30456411 | NV221<br>30456412 | NV621<br>30456413 | NV1201<br>30456414 | NV2201<br>30456415 | NVT2201<br>30456416 | NVT4201<br>30456417 | NVT2200<br>30456418 | NVT6200<br>30456419 | NVT12000<br>30456420 | NVT22000<br>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                |                     | 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

i81u812

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