

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

$$220 \text{ g} \times 0.01 \text{ g}$$

### Pan Size

5.7 in (Diameter)

Manufature: Ohaus

SKU: NV222

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 price point, 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	NV123 30642238	NV223 30642239	NV323 30642240	NV222 30456410	NV422 30456411	NV622 30467960	NV1202 30642241	NV2202 30642242	NV3202 30642243	NV221 30456412	NV621 30456413	NV1201 30456414	NV2201 30456415
Capacity x Readability	120 x 0.001 g	220 x 0.001 g	320 x 0.001 g	220 x 0.01 g	420 x 0.01 g	620 x 0.01 g	1200 x 0.01 g	2200 x 0.01 g	3200 x 0.01 g	220 x 0.1 g	620 x 0.1 g	1200 x 0.1 g	2200 x 0.1 g
Pan Size	Ø 4.7 in.			Ø 5.7 in.			7.5 x 5.7 in						
Stabilization Time(s)	2.5			1		1.5		2		1			
Repeatability (std. Dev.)	0.002			0.01		0.02		0.2					
Linearity (g)	0.003	0.005		0.02			0.03	0.05		0.2			
Construction	ABS housing and stainless steel pan												
Draftshield	Removable Draftshield			-									
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	200 hours			270 hours			200 hours			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 4.2 in with draft shield													
	<div><div></div><div>8 x 9.1 x 2.8 in.</div></div>													
	8 x 9.1 x 2.9 in without draft shield													
Shipping Dimensions (W x D x H)	15.2 x 13.2 x 6.7 in			8 x 9.1 x 2.8 in.										
Net Weight	2.2 lb / 1.0 kg			2.2 lb / 1.0 kg										
Shipping Weight	3.3 lb / 1.5 kg			3.3 lb / 1.5 kg										
Linearity Calibration Mass	50, 100 g	100, 200 g	150, 300 g	100, 200 g	200, 400 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	1.5 kg, 3 kg	100, 200 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	
Span Calibration Mass*	100	200	300	200	200	300	1000	2000	3000	200	300	500	1000	

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