



Multi-Purpose Portable Balances Suitable for Everyday Weighing

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.

Unique Features:

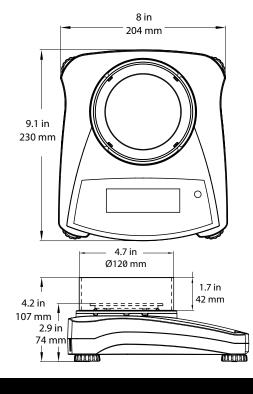
- Navigator offers essential weighing applications at a competitive price point.
- Advanced weighing technology offers one-second stabilization for fast and accurate weighing results, improving operator efficiency, productivity and throughput.
- Overload protection system that can withstand loads up to four times the rated capacity safeguards the balance.

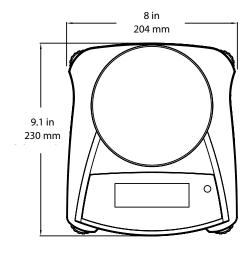
NAVIGATOR[™] Portable Balances

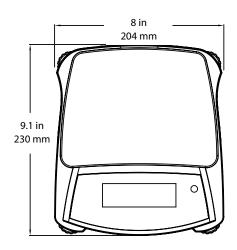
Model	NV123	NV223	NV323	NV222	NV422	NV622	NV1202	NV2202	NV3202	NV221	NV621	NV1201	NV2201
Capacity (g)	120	220	320	220	420	620	1200	2200	3200	220	620	1200	2200
Readability (g)	0.001			0.01						0.1			
Repeatability (std. Dev.)	0.002			0.01	0.01 0.02					0.1			
Linearity (g)	0.003	0.0	005		0.02		0.03	0.05		0.2			
Span Calibration Mass*	100	200	300	2	00	300 1000 2000 3000			200	300	500	1000	
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
Stabilization Time(s)		2.5		1 1.5		2				•	1		
Construction	ABS housing and stainless steel pan												
Draftshield	Remo	Removable Draftshield n/a											
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												
Draftshield Dimensions	1	Ø4.7 in / Ø120 mm, height: 1.7 in / 42 mm											
Pan Size (W × D)	Ø3	Ø3.7 in / Ø93 mm Ø 5.7 in. / 145 mm 7.5 x 5.7 in / 190 x 144 mm											
Balance Dimensions (W × D × H)	mm 8 x 9.1 x 2	.2 in / 204 x with draft s 2.9 in / 204 x ithout draft	hield x 230 x 74	8 × 9.1 × 2.8 in. / 204 × 230 × 70 mm									
Shipping Dimensions $(W \times D \times H)$	15.2 x 13.2	2 x 6.7 in / 3 170 mm	85 x 335 x	11.8 x 9.8 x 5.3 in / 300 x 250 x 134 mm									
Net Weight		2.2 lb / 1.0 kg											
Shipping Weight		3.3 lb / 1.5 kg											

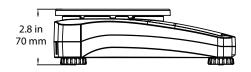
^{*}not included

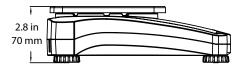
Dimensional Drawings









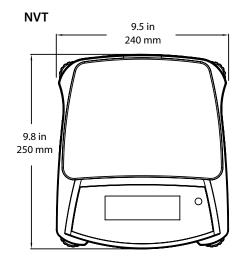


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Model	NVT2201	NVT4201	NVT6201	NVT10201	NVT2200	NVT6200	NVT12000	NVT22000		
Capacity (g)	2200	4200	6200	10200	2200	6200	12000	22000		
Readability (g)		0	.1		1					
Repeatability (std Dev.)	0.1	0.1 0.2				1				
Linearity (g)		0.2				2				
Span Calibration Mass*	1000	2000	2000 5000			50	10000			
Linearity Calibration Mass	1 kg, 2 kg	2 kg, 4 kg	3 kg, 6 kg	5 kg, 10 kg	1 kg, 2 kg	3 kg, 6 kg	5 kg, 10 kg	10 kg, 20 kg		
Stabilization Time(s)	1 1.5 1									
Construction	ABS housing and stainless steel pan									
Draftshield	n/a									
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 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									
Draftshield Dimensions	n/a									
Pan Size (W × D)	9.1 x 6.9 in / 230 x 174 mm									
Balance Dimensions $(W \times D \times H)$	9.5 × 9.8 × 2.9 in. / 240 × 250 × 74 mm									
Shipping Dimensions (W × D × H)	15.2 × 13.2 × 6.7 in. / 385 × 335 × 170 mm									
Net Weight	3.3 lb / 1.5 kg									
Shipping Weight	5.1 lb / 2.3 kg									

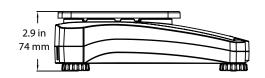
^{*}not included

Dimensional Drawings

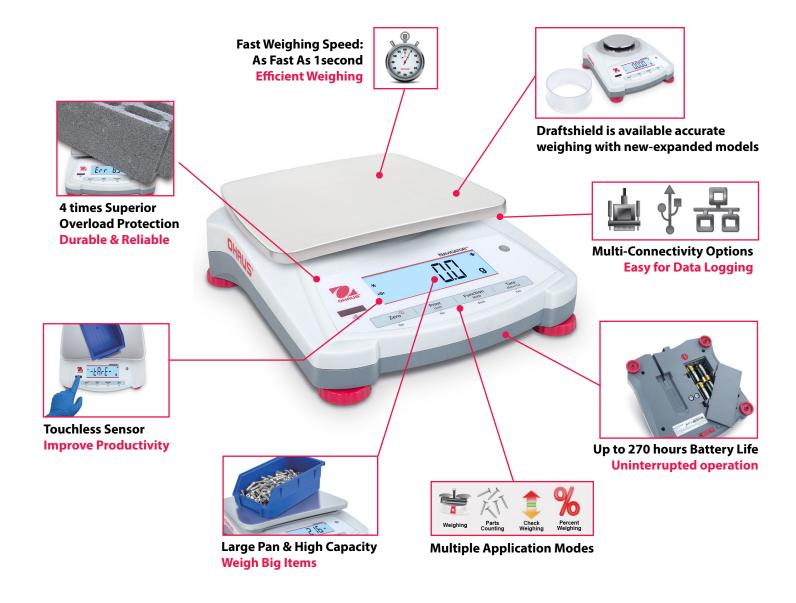


Built-in Application Modes

- **Weighing** Determines the weight of items on the pan in the selected unit of measure
- Parts Counting Counts the number of pieces on the pan using a uniform weight.
- Percent Weighing Measures the weight of a sample displayed as a percentage of pre-established reference weight.
- Check Weighing Compares the weight of sample against target limits.



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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

Accessories

RS232 Inferface	83032107
USB Interface	83032108
Ethernet Interface	83032109
Carrying Case	30467963
Adapter with Plugs	30467987
Printer, SF40A, AM	30064203
Weigh Below Kit, NV, NVT	30628012

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

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The management system governing the manufacture of this product is ISO 9001:2015 certified.



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