



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	0.02				0.1				
Linearity (g)	0.003	0.005		0.02			0.03	0.05		0.2			
Span Calibration Mass*	100	200	300	200		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	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	Ø4.7 in / Ø120 mm, height: 1.7 in / 42 mm			n/a									
Pan Size (W × D)	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)	8 x 9.1 x 4.2 in / 204 x 230 x 107 mm with draft shield 8 x 9.1 x 2.9 in / 204 x 230 x 74 mm without draft shield			8 x 9.1 x 2.8 in. / 204 x 230 x 70 mm									
Shipping Dimensions (W × D × H)	15.2 x 13.2 x 6.7 in / 385 x 335 x 170 mm			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



