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.

NAVIGATOR™ *Portable Balances*

Model	NV222	NV422	NV622	NV221	NV621	NV1201	NV2201	NVT2201	NVT4201	NVT6201	NVT2200	NVT6200	NVT12000	NVT22000
Capacity (g)	220	420	620	220	620	1200	2200	2200	4200	6200	2200	6200	12000	22000
Readability (g)	0.01			0.1							1			
Span Calibration Mass (Not Included)	200		300	200	300	500	1000		2000	5000	1000	5000		10000
Linearity Calibration Mass	100, 200 g	200, 400 g	300, 600 g	100, 200 g	300, 600 g	500 g, 1 kg	1 kg, 2 kg	1 kg, 2 kg	2 kg, 4 kg	3 kg, 6 kg	1 kg, 2 kg	3 kg, 6 kg	5 kg, 10 kg	10 kg, 20 kg
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, taels (3), Tical, Tola													
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 to 40 °C at 10% to 85% relative humidity, non-condensing													
Storage Conditions	-20 °C to 55 °C 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	20 mm digits													
Pan Size (W × D)	Ø 145 mm		190 × 144 mm				230 × 174 mm							
Balance Dimensions (W × D × H)	204 × 230 × 70 mm						240 × 250 × 74 mm							
Shipping Dimensions (W × D × H)	300 × 250 × 134 mm						385 × 335 × 170 mm							
Net Weight	1 kg						1.5 kg							
Shipping Weight	1.5 kg						2.3 kg							

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
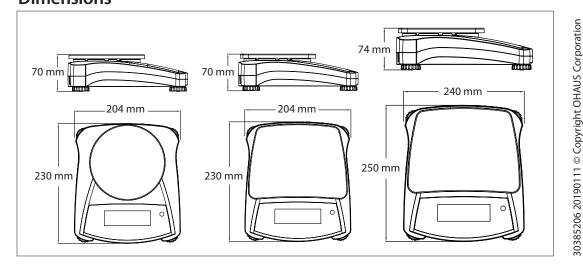
Compliance

• **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
Stacking Kit, ×1, NV 30467917
Stacking Kit, ×4, NV 30467918
Printer, SF40A, ... 30045641

Dimensions

70 mm
204 mm
230 mm

70 mm
74 mm
204 mm
240 mm
230 mm
250 mm