

Ohaus® Voyager® Pro Precision Balances

Color Literature Available by Request



Approvals



Standard Features

- AutoCal™ automatic internal calibration system
- The most advanced application modes in the industry include: statistics, formulation, differential weighing, statistical QC, density determination and pipette calibration
- Standard application modes include: percent weighing, animal weighing, check weighing, filling, parts counting and gross/net/tare weighing
- Applications library to store and quickly recall past procedures
- Brilliant backlit high resolution dot matrix display with simple navigation windows and menus to guide you through balance functions
- User selectable filter, stability indicator and auto-zero tracking for use in difficult environments
- User selectable GLP/GMP outputs via RS-232 to meet traceability requirements
- Five-language operational display text
- Standard weigh below capability
- Protective in-use cover and security bracket
- Industry leading warranty and support
- NTEP Legal for Trade approved

Ohaus

Specifications

CAPACITY:

VP213CN: 210 g
 VP413CN: 410 g
 VP613CN: 610 g
 VP413DCN: 100/410 g
 VP612CN: 610 g
 VP2102CN: 2,100 g
 VP41022CN: 4,100 g
 VP6102CN: 6,100 g
 VP4102DCN: 1,000/4,100 g
 VP4101CN: 4,100 g
 VP6101CN: 6,100 g
 VP8101CN: 8,100 g

READABILITY:

VP213CN, VP613CN: 0.001 g
 VP413DCN: 0.001/0.01 g*
 VP612CN, VP2102CN, VP4102CN, VP6102CN: 0.01 g
 VP4102DCN: 0.01/0.1 g
 VP4101CN, VP6101CN, VP8101CN: 0.1 g

LINEARITY:

VP213CN, VP413CN, VP613CN: ±0.002 g
 VP413DCN: ±0.002/0.005 g
 VP612CN, VP2102CN, VP4102CN: ±0.02 g
 VP6102CN: ±0.04 g
 VP4102DCN: ±0.02/0.05 g
 VP4101CN, VP6101CN, VP8101CN: ±0.1 g

WEIGHING UNITS:

Gram, milligram, kilogram, pound, ounce, ounce troy, carat, pennyweight, Hong Kong tael, Singapore tael, Taiwan tael, mommes, grain, tical, Newton, custom

APPLICATION MODES:

Statistics, formulation, differential weighing, SQC, density determination, pipette calibration, parts counting, animal weighing, check weighing, percent weighing, filling, gross/net/tare weighing

FEATURES:

Applications library, RS-232 port, auxiliary display port, GLP protocol, selectable operating language, selectable displayed information settings, selectable environmental settings, selectable auto-print settings, integral weigh below hook, contrast & brightness control, protective in-use cover

TARE RANGE:

Full capacity by subtraction

STABILIZATION TIME:

Three seconds

OPERATING TEMPERATURE RANGE:

50° to 104° F (10° to 40° C)

REPEATABILITY (STD. DEV.):

VP213CN, VP413CN: 0.0005 g
 VP613CN: 0.0015 g
 VP413DCN: 0.0005/0.005 g
 VP612CN, VP2102CN, VP4102CN: 0.005 g
 VP6102CN: 0.01 g
 VP4102DCN: 0.01/0.05 g
 VP4101CN, VP6101CN, VP8101CN: 0.05 g

POWER REQUIREMENTS:

100-120 VAC, 220-240 VAC, 50/60 Hz

CALIBRATION:

Internal or external

DISPLAY TYPE:

LCD high resolution dot matrix with backlight

DISPLAY SIZE:

240 x 128 pixels

PAN SIZE:

VP213CN, VP413CN, VP613CN, VP413DCN: 4.7" (12 cm) diameter
 VP612CN, VP2102CN, VP4102CN, VP6102CN, VP4102DCN, VP4101CN, VP6101CN, VP8101CN: 6.8" X 6.8" (17.2 cm x 17.2 cm) with removeable breeze collar

DIMENSIONS (W X H X D):

VP213CN, VP413CN, VP613CN, VP413DCN: 8.3" x 13.8" x 13.8" (21 cm x 35 cm x 35 cm)
 VP612CN, VP2102CN, VP4102CN, VP6102CN, VP4102DCN, VP4101CN, VP6101CN, VP8101CN: 8.5" x 4" x 13.8" (21.5 cm x 10.3 cm x 35 cm)

NET WEIGHT:

VP213CN, VP413CN, VP613CN, VP413DCN: 13.2 lb (6 kg)
 VP612CN, VP2102CN, VP4102CN, VP6102CN, VP4102DCN, VP4101CN, VP6101CN, VP8101CN: 11 lb (5 kg)

*Moveable FineRange™

Voyager® Pro Precision Balances

OHAUS

PART #	OHAUS MODEL #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
83184	VP213CN	210 g x 0.001 g with AutoCal and draft shield	13.2 lb	\$2,484.00
83185	VP413CN	410 g x 0.001 g with AutoCal and draft shield	13.2 lb	2,769.00
83186	VP613CN	610 g x 0.001 g with AutoCal and draft shield	13.2 lb	3,050.00
83187	VP413DCN	410/100 g x 0.01/0.001 g with AutoCal and draft shield	13.2 lb	2,484.00
83188	VP612CN	610 g x 0.01 g with AutoCal	11 lb	2,417.00
83189	VP2102CN	2,100 g x 0.01 g with AutoCal	11 lb	2,484.00
83190	VP4102CN	4,100 g x 0.01 g with AutoCal	11 lb	2,769.00
83191	VP6102CN	6,100 g x 0.01 g with AutoCal	11 lb	3,050.00
83192	VP4102DCN	4,100/1,000 g x 0.1/0.01 g with AutoCal	11 lb	2,484.00
83193	VP4101CN	4,100 g x 0.1 g with AutoCal	11 lb	2,239.00
83194	VP6101CN	6,100 g x 0.1 g with AutoCal	11 lb	2,417.00
83195	VP8101CN	8,100 g x 0.1 g with AutoCal	11 lb	2,596.00
Options/Accessories				
67422	80850045	Density determination kit (up to 610 g x 1 mg)		226.00
67423	470004-010	Security devices (up to 8 kg)		104.00
70424	AS017-02	Cable, IBM-PC, 25-pin		91.00
70426	AS017-09	Cable, IBM-PC, 9-pin		91.00
67413	SW12W	WinWedge® TAL software		255.00
67467	490202-01	100-120 VAC adapter		40.00
67669	490203-01	220 VAC adapter		40.00
35263	76288-01	Security device (12, 22 and 32 kg only)		42.00
71904	SF42	Impact printer		361.00
71959	80500570	Cable for PN 71904		88.00
71957	12101511	Paper for PN 71904 (five-pack)		35.00
71958	12101512	Ribbon for PN 71904		22.00

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Please refer to our High Precision Industrial Weighing Section in this catalog for exciting new choices and capabilities.

And don't forget to reference our full color Precision Catalog for additional solutions such as test weights, calibration services, static solutions, liquid handling, electrochemistry and more!