



# Voyager<sup>®</sup> Pro

Analytical and Precision Balances



***When your applications demand more than a standard balance, the OHAUS Voyager<sup>®</sup> Pro is up to the task.***

Voyager<sup>®</sup> Pro's Advanced Applications simplify even the most complex laboratory measurements. Whether it's determining the difference between initial and residual weights or calculating the density of solids and liquids, Voyager Pro eliminates the need for time consuming manual calculations and data logging.

***Standard Features Include:***

- AutoCal™ automatic internal calibration system
- The most advanced application modes in the industry include: Statistics, Formulation, Differential Weighing, Statistical Quality Control (SQC), 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 GLP/GMP outputs via RS232 to meet traceability requirements
- User selectable filter, stability indicator and auto-zero tracking for use in difficult environments
- Five operating languages—English, Spanish, French, German, Italian
- Weigh-below hook for below-balance weighing applications
- Protective in-use cover and security bracket
- Industry leading warranty and support

***For absolute reliability and precision, simplicity in function and operation, exceptional value, and unsurpassed OHAUS support, Voyager Pro is the balance of choice***

# Voyager® Pro Electronic Balances

## General Specifications

Weighing Units	gram, milligram, 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, RS232 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
Operating Temperature Range	50° to 104°F / 10° to 40°C
Power Requirements	100-120 V AC, 220-240 V AC, 50/60 Hz
Calibration	Internal / External
Display Type	LCD Dot Matrix w/Backlight
Display Size (in/cm)	240 x 128 pixels

## Technical Specifications – Precision Balances

Model	VP213CN	VP413CN	VP613CN	VP413DCN*	VP612CN	VP2102CN	VP4102CN	VP6102CN	VP4102DCN*	VP4101CN	VP6101CN	VP8101CN
<b>Capacity (g)</b>	<b>210</b>	<b>410</b>	<b>610</b>	<b>100 / 410</b>	<b>610</b>	<b>2,100</b>	<b>4,100</b>	<b>6,100</b>	<b>1,000 / 4,100</b>	<b>4,100</b>	<b>6,100</b>	<b>8,100</b>
Readability (g)	0.001			0.001 / 0.01	0.01			0.01 / 0.1	0.1			
Repeatability (Std. dev.) (g)	0.0005		0.0015	0.0005 / 0.005		0.005		0.01	0.01 / 0.05		0.05	
Linearity (g)	± 0.002			± 0.002 / 0.005		± 0.02		± 0.04	± 0.02 / 0.05		± 0.1	
Stabilization time (s)	3											
Pan size (in/cm)	4.7 / 12 dia.				6.8 x 6.8 / 17.2 x 17.2 w/windshield							
Dimensions WxHxD (in/cm)	8.3 x 13.8 x 13.8 / 21 x 35 x 35				8.5 x 4 x 13.8 / 21.5 x 10.3 x 35							
Net Weight (lb/kg)	13.2 / 6				11 / 5							

\* Moveable FineRange™

## Technical Specifications – Analytical Balances

Model	VP64CN	VP114CN	VP214CN	VP214DCN*
<b>Capacity (g)</b>	<b>62</b>	<b>110</b>	<b>210</b>	<b>100 / 210</b>
Readability (mg)	0.1			0.1 / 1
Repeatability (Std. dev.) (mg)	0.1			0.1/0.5
Linearity (mg)	± 0.2			± 0.2/0.5
Stabilization time (s)	4			
Pan size (in/cm)	3.5 / 9			
Dimensions WxHxD (in/cm)	8.3 x 13.8 x 13.8 / 21 x 35 x 35			
Net Weight (lb/kg)	13.2 / 6			

\* Moveable FineRange™

## Accessories

	Ohaus Number
Dot Matrix Printer .....	80252042
Cable kit to connect Dot Matrix Printer to Voyager Pro.....	80500570
Paper for Dot Matrix Printer .....	80251932
Ink Ribbon for Dot Matrix Printer .....	80251933
Thermal Printer.....	80251992
Paper for Thermal Printer.....	80251931
Cable kit to connect Thermal Printer to Voyager Pro.....	80252580
Ohaus Collect Software.....	80500746
TAL Software WinWedge.....	SW12W
RS232 Cable, PC 9 Pin to Voyager Pro .....	AS017-09
RS232 Cable, PC 25 Pin to Voyager Pro .....	AS017-02
In-Use Cover for Voyager Pro.....	80850042
Security Device for Voyager Pro up to 8kg.....	470004-010
Density Determination Kit for Voyager Pro analytical balances (0.1mg) .....	80850045

## Industry Leading Quality and Support

All OHAUS Voyager® Pro balances are manufactured under an ISO 9001:2000 Registered Quality Management System. Our rugged construction and stringent quality control have been hallmarks of all OHAUS products for over a century.

## OHAUS CORPORATION

\* 19A Chapin Road  
P.O. Box 2033  
Pine Brook, NJ 07058 USA

Tel: 800.672.7722  
973.377.9000  
Fax: 973.593.0359

www.ohaus.com

With offices throughout Europe,  
Asia, and Latin America

\* ISO 9001  
Registered Quality Management System

