



OHAUS Adventurer™ Pro

Grain Scale from Seedburo



The Ohaus Adventurer™ Pro Grain Scale – The Scale for Grading Grain

The Ohaus Adventurer™ Pro Grain Scale has been designed to provide a durable, high-precision grading scale for use in both commercial grain and GIPSA applications. Using high-resolution loadcell technology, the Adventurer Pro offers 4,100g capacity in either 0.01g readability (non-approved mode) or 0.0[1]g for approved grain applications (NTEP Class II to Handbook 44). The Adventurer Pro Grain Scale also features FM/Dockage readability to 0.01%. For the high-precision accuracy your operation requires, there is the Adventurer Pro Grain Scale.

Standard Features Include:

- **Easy to Use** – Designed for high-throughput dockage operations, the Adventurer Pro Grain Scale features a brilliant backlit LCD with SmarText™ English prompts and simple four key operation. Test Weight and Dockage modes have dedicated key functions to speed use.
- **The Modes You Need** – Simple weighing, a Test Weight mode and both standard or reciprocal Dockage (foreign material) modes are all programmed into the Adventurer Pro Grain Scale. Each mode can be quickly accessed using dedicated key functions.
- **Multiple Test Weight Selection** – The Adventurer Pro Grain Scale offers Grain Grading unit for pounds per bushel with quart or pint containers and kilograms per hectoliter in liter and half-liter volumes.
- **Weighing Units** – The Adventurer Pro Grain Scale offers g, kg, oz, lb, and a user-defined custom unit.
- **Durable Design** – Each Adventurer Pro Grain Scale features a removable stainless steel weighing pan and durable ABS/PC housing with cast aluminum loadcell frame. Protective in-use cover included.
- **RS232 with GLP/GMP Data** – The Adventurer Pro Grain Scale features a RS-232 port with GLP/GMP capabilities including date and time for traceability.

Adventurer™ Pro Grain Scale from See

Fast Processing For Your Operation:

Quick Test Weight Mode:

- Select the required Test Weight cup from the easy to access menu – chose quart or pint cups, or use the full or half liter container selection
- Tare the container using the Tare key
- Press the Test Weight function key on the Adventurer Pro Grain Scale
- The Adventurer Pro Grain Scale will then show the actual density of the sample in either pounds per bushel or kilogram per hectoliter



Fast Dockage Operations:

- Select the required Dockage mode -- the Adventurer Pro Grain Scale allows either standard (positive) or reciprocal (negative) dockage modes to fit your operational needs
- Tare the container using the Tare key
- Press the % function key on the Adventurer Pro Grain Scale to store the reference weight
- Process your sample
- Replace the sample on the Adventurer Pro's platform
- The Adventurer Pro Grain Scale will then show the standard or reciprocal percentage
- The stored reference weight can be recalled at any time with a long press of the % function key



Full Capacity Tare:

- The Adventurer Pro Grain Scale can be tared up to the full capacity of 9 lb or 4.1 kg

Feature Rich: Adventurer Pro Is The Most Complete Scale In Its Class



Security
To prevent unwarranted movement or theft, an integrated security bracket accommodates

the security device accessory

Easy to Clean

Adventurer Pro's stainless steel platform and removable wind ring make it extremely easy to clean



Connectivity

Adventurer Pro comes with an RS232 interface. A second RS232 or USB interface is also available as a factory installed option

Easy to View Display

Adventurer Pro features a 2-line alphanumeric LCD with brilliant backlight.



Easy to Use Keypad

Four-button keypad with dedicated keys for storing dockage weight or recalling stored weights and for test weight operations. Also includes dedicated functions for menu navigation and scale set-up

Weigh-Below Hook

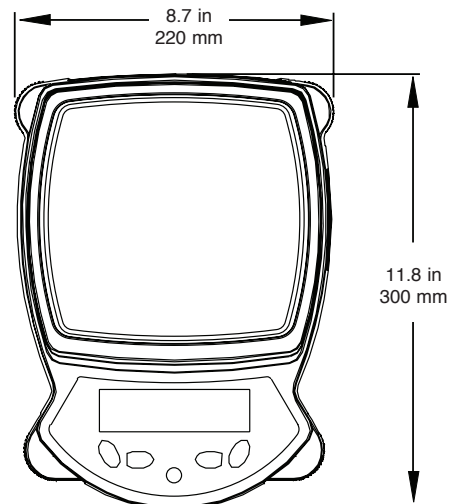
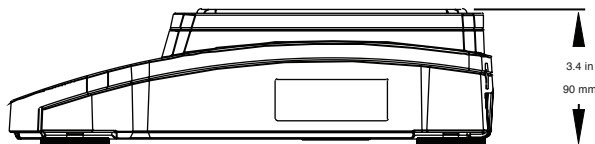
Adventurer Pro's integral weigh-below hook allows density determination



Multiple Weighing Units

Adventurer Pro displays weight results in pounds, ounces, grams or a user-defined custom weighing unit, as well as lb/bu or kg/hl

Outline Dimensional Drawings



Adventurer™ Pro Grain Scale

Specifications

Model	AVD4102N
Capacity	4100g, 9 lb, 144 oz, 289 lb/bu, 410 kg/hl
Maximum Readability	Weighing: 0.01g / 0.0005oz / 0.00005 lb Test Weight: 0.01 lb/bu or 0.01 kg/hl Dockage/FM: 0.01%
Approved Readability (NTEP Class II)	Weighing: 0.0[1]g / 0.005oz / 0.0005 lb Test Weight: 0.01 lb/bu or 0.01 kg/hl Dockage/FM: 0.01%
Repeatability (Std. dev.)	0.01g
Linearity	± 0.02g
Weighing Units	g, kg, oz, lb, lb/bu, kg/hl, user-defined custom unit
Test Weights:	lb/bu with Quart or Pint, kg/hL with Liter or 0.5 Liter
Application Modes	Weighing, Test Weight, Positive and Negative Dockage
Tare Range	To capacity by subtraction
Memory	Full range memory to capacity
Stabilization Time	≤ 3 seconds
Operating Temperature Range	50° to 86°F/10° to 30°C
Power Requirements	110-120 VAC AC adapter (included)
Calibration	Digital span or linear calibration software included, external weight required.
Display	2-line alphanumeric brilliant backlit LCD display with text prompts
Display Size	4 x 1 in/ 10 x 2.5 cm
Interface	Single RS-232; USB or dual RS232 available as factory options
Pan Size	6.6 x 7.1 in/ 16.8 x 18 cm
Dimensions WxHxD	8.7 x 3.3 x 11.8 in/ 22 x 8.5 x 30 cm
Net Weight	6.1 lb/ 2.8 kg
Shipping Dimensions WxHxD	15.5 x 13 x 19.5 in / 39 x 33 x 50 cm
Shipping Weight	12.6 lb/ 5.7 kg

Standard Features

Large stainless steel weighing platform, 2-line backlit LCD with text prompts, stability indicator, overload and underload protection and indicators, software lockout menu, integral security bracket, integral weigh-below hook, adjustable environmental settings, auto tare, auto shut-off, bi-directional RS232 interface with GLP/GMP data output options user selectable printing options, communications settings, and data print options, protective in-use cover, AC adapter.

Approvals

NTEP Class II (pending) with approval for GIPSA grain inspection use (pending), CE, FCC, c_{UL}_{US} , c_{CSA}_{US} .

Factory Options

USB interface or dual RS-232 interfaces.

Accessories

Impact and Thermal printers, RS232 printer cables, security device, TAL Software WinWedge V3.0, calibration masses.

OHAUS CORPORATION

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

Tel: 800.672.7722
973.377.9000
Fax: 973.944.7177

www.ohaus.com

*With offices throughout Europe,
Asia, and Latin America*

* ISO 9001

Registered Quality Management System



Seedburo Equipment Company • 2293 South Mt. Prospect Road • Des Plaines, IL 60018-1810 USA
Toll-Free 1-800-284-5779 (USA & Canada) • Telephone +1-312-738-3700 / Fax +1-312-738-5329
www.seedburo.com

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