

Item Number	AV64N AV64CN	AV114N AV114CN	AV264N AV264CN	AV213N AV213CN	AV313N AV313CN	AV413N AV413CN	AV2102N AV2102CN	AV3102N AV3102CN	AV4102N AV4102CN
Max (g)	65	110	260	210	310	410	2100	3100	4100
Min (g)	0.1	0.1	0.1	0.2	0.2	0.2	5	5	5
d=(g)	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.01	0.01	0.01
e=(g)	0.001	0.001	0.001	0.01	0.01	0.01	0.1	0.1	0.1
Class	I	I	I	II	II	II	II	II	II
Repeatability (g)	0.0001	0.0001	0.0001	0.001	0.001	0.001	0.01	0.01	0.01
Linearity (g)	±0.0002	±0.0002	±0.0003	±0.002	±0.002	±0.002	±0.02	±0.02	±0.02
Weighing Units	mg, g, ct, dwf, oz, ozf, GN			g, ct, dwf, oz, ozf, lb			g, kg, dwf, oz, ozf, lb		
Application Modes	Weighing, Animal Weighing, Parts Counting, Percent Weighing, Check Weighing, Totalize								
Tare Range	To capacity by subtraction								
Stabilization Time	3								
Power Requirements	AC Adapter (included)								
Calibration	Digital with external weight								
Display Type	2-line LCD with Backlight								
Display Size (mm / in)	100 x 25 / 4 x 1								
Pan Size (mm / in)	90 / 3.5			120 / 4.7			168 x 180 / 6.6 x 7.1		
Dimensions WxDxH (mm / in)	220 x 300 x 300 8.7 x 12 x 11.8			220 x 190 x 300 8.7 x 7.5 x 11.8			220 x 85 x 300 8.7 x 3.3 x 11.8		
Net Weight (kg / lb)	4.0 / 8.7			3.3 / 7.3			2.8 / 6.1		
Net Weight (with InCal) (kg / lb)	4.4 / 9.6			3.7 / 8.2			3.2 / 6.9		

AV...CN models are equipped with internal calibration.

OHAUS Corporation
7 Campus Drive
Suite 310
Parsippany, NJ 07054 USA
Tel: +1 973 377 9000
Fax: +1 973 944 7177
www.ohaus.com



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Adventurer Pro Balances Instruction Manual Supplement for NTEP Certified Models

Certificate of Conformance 05-118 has been issued by the National Conference on Weights and Measures, confirming that the Adventurer Pro models listed in this manual conform to the requirements in NCWM Publication 14 and NIST Handbook 44.

Before this balance can be used in commercial trade, it must be inspected by local weights and measure authorities. It is the responsibility of the purchaser to ensure that all pertinent legal requirements are met. Please contact your local weights and measures office for further details.

Introduction

This document is a supplement to the Instruction Manual provided with the Adventurer Pro balance. It is intended to provide information specific to the NTEP Certified models. For all other information, refer to the Instruction Manual.

Setting the Balance

Press and hold the **Menu-Cal** button until MENU is displayed. Move to the Setup Sub-menu using the **No** button. When SETUP is displayed, press the **Yes** button to enter the Setup Sub-menu. When LEGAL TRADE is displayed, press the **Yes** button to view the setting OFF. Press the **Yes** button to change the setting to NTEP. Press the **Yes** button to store the setting. Press the **Exit** button to return to the current weighing mode.

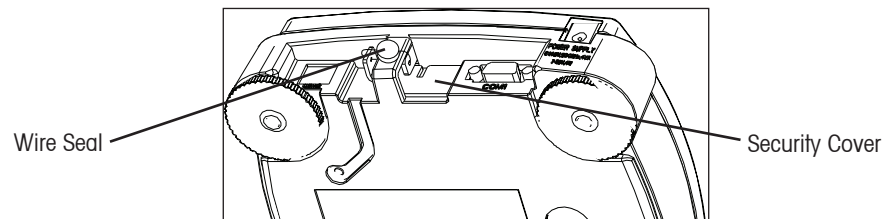
Note: Before setting the balance, enter the Menu to perform a calibration and make any desired balance setting adjustments. Once the balance is set, the following conditions apply:

- The Calibrate Sub-menu is hidden and not available.
- In the Setup Sub-menu, the Legal Trade menu item is locked.
- In the Setup Sub-menu, the Auto Zero (AZSM) menu item is set to 0.5d and locked.
- In the Readout Sub-menu, the Gross Indicator menu item setting is locked.
- The Mode Sub-menu is locked.
- In the Unit Sub-menu, the Unit menu items are restricted to Systems International units.
- In the Print Sub-menu, the Output When Stable menu item is set to ON and locked.
- In the Print Sub-menu, the Continuous setting in the Auto Print menu item is hidden and not available.
- In the Reset Sub-menu, the Reset Readout, Reset Mode, Reset Unit and Reset Global menu items are locked.
- In the Lockout Sub-menu, the Calibration menu item is locked.

To regain access to the locked Menu settings, turn the balance off. Turn the balance on and press the Lock Switch while OHAUS is displayed during power up.

Sealing the Balance

To seal the balance, cover the Lock Switch access hole by sliding the Security Cover to the right. Then install a wire through the holes in the tabs of the Security cover and Top Housing.



Specifications:

Item Number	AV53N	AV212N	AV412N	AV612N	AV812N	AV2101N	AV4101N	AV6101N	AV8101N
Max (g)	51	210	410	610	810	2100	4100	6100	8100
Min (g)	0.4	2	2	2	2	20	20	20	20
d=(g)	0.02	0.1	0.1	0.1	0.1	1	1	1	1
e=(g)	0.02	0.1	0.1	0.1	0.1	1	1	1	1
Class	II	III	III	III	III	III	III	III	III
Repeatability (g)	0.02	0.1	0.1	0.1	0.1	1	1	1	1
Linearity (g)	±0.02	±0.1	±0.1	±0.1	±0.1	±1	±1	±1	±1
Weighing Units	mg, g, ct, dwt, oz, ozf, GN	g, kg, ct, dwt, oz, ozf, lb							
Application Modes	Weighing, Animal Weighing, Parts Counting, Percent Weighing, Check Weighing, Totalize								
Tare Range	To capacity by subtraction								
Stabilization Time	2								
Power Requirements	AC Adapter (included) or 4 AA Batteries (not included)								
Calibration	Digital with external weight								
Display Type	2-line LCD with Backlight								
Display Size (mm / in)	100 x 25 / 4 x 1								
Pan Size (mm / in)	100 / 3.9	120 / 4.7	149 x 162 / 5.8 x 6.3						
Dimensions WxDxH (mm / in)	193 x 254 x 144 7.6 x 10 x 5.7	193 x 254 x 70 7.6 x 10 x 2.8	193 x 254 x 72 7.6 x 10 x 2.8						
Net Weight (kg / lb)	1.4 / 3.1	1.2 / 2.7	1.5 / 3.3						

Item Number	AV53CN	AV212CN	AV412CN	AV612CN	AV812CN	AV2101CN	AV4101CN	AV6101CN	AV8101CN
Max (g)	51	210	410	610	810	2100	4100	6100	8100
Min (g)	0.2	2	2	2	2	20	20	20	20
d=(g)	0.001	0.1	0.1	0.1	0.1	1	1	1	1
e=(g)	0.01	0.1	0.1	0.1	0.1	1	1	1	1
Class	II	III	III	III	III	III	III	III	III
Repeatability (g)	0.01	0.1	0.1	0.1	0.1	1	1	1	1
Linearity (g)	±0.01	±0.1	±0.1	±0.1	±0.1	±1	±1	±1	±1
Weighing Units	g, kg, ct, dwt, oz, ozf, GN, lb								
Application Modes	Weighing, Animal Weighing, Parts Counting, Percent Weighing, Check Weighing, Totalize								
Tare Range	To capacity by subtraction								
Stabilization Time	2								
Power Requirements	AC Adapter (included)								
Calibration	Digital with internal and external weight								
Display Type	2-line LCD with Backlight								
Display Size (mm / in)	100 x 25 / 4 x 1								
Pan Size (mm / in)	90 / 3.5	120 / 4.7	168 x 180 / 6.6 x 7.1						
Dimensions WxDxH (mm / in)	200 x 190 x 300 8.7 x 7.5 x 11.8		220 x 85 x 300 8.7 x 3.3 x 11.8						
Net Weight (kg / lb)	3.7 / 8.2	2.6 / 5.7	3.4 / 7.5	3.5 / 7.7					