

### Ohaus® Adventurer™ Pro Analytical and Precision Balances



#### Standard Features

- Full duplex RS-232 serial interface
- Ergonomic leveling system
- Protective in-use cover
- Large backlit Liquid Crystal Display (LCD)
- Integral security bracket
- Below balance weighing
- GLP/GMP data output capability
- Stability, overload, underload, low battery indicator
- Programmable auto shut-off
- Adjustable environmental settings
- AC operation (AC adapter included)
- Enhanced balance software including multiple span calibration points, auto tare, and output layout options including single or multiple lines, four-line feed and form feed
- Parts counting; weighing, animal/dynamic weighing, checkweighing, percentage weighing, totalization, display hold
- Incal™ optional available
- Battery operation on select models

#### Specifications

##### CAPACITY:

AV64: 65 g  
AV114: 110 g  
AV264: 260 g  
AV53: 51 g  
AV213: 210 g  
AV313: 310 g  
AV212: 210 g  
AV412: 410 g  
AV812: 810 g  
AV2102: 2100 g  
AV3102: 3100 g  
AV2101: 2100 g  
AV4101: 4100 g  
AV8101: 8100 g

##### READABILITY:

AV53, AV213, AV313: 0.001 g  
AV412, AV812, AV2102, AV3102: 0.01 g  
AV2102, AV4101, AV8101: 0.1 g  
AV64, AV114, AV264: 0.1 mg

##### REPEATABILITY (STD. DEV):

AV53, AV213, AV313: 0.001 g  
AV213, AV412, AV812, AV2102, AV3102: 0.01 g  
AV2101, AV4101, AV8101: 0.1 g  
AV64, AV114, AV264: 1 g

##### LINEARITY:

AV53, AV213, AV313: ±0.002 g  
AV213, AV412, AV812, AV2102, AV3102: ±0.02 g  
AV2101, AV4101, AV8101: ±0.2 g  
AV64, AV114: ±0.2 g  
AV264: ±0.3 mg

##### WEIGHING UNITS:

Milligram, gram, kilogram, ounce, pound, carat, pennyweight, ounce troy, grain, newton, Hong Kong tael, Singapore tael, Taiwan tael, momme, tical, baht, mesghal, tola, custom

##### TARE RANGE:

To capacity by subtraction

##### STABILIZATION TIME:

AV53: 2.5 seconds  
AV212, AV313: 3 seconds  
AV212: 1.5" seconds  
AV412, AV812, AV2102, AV3102: 3 seconds  
AV2102, AV4101, AV8101: 2" seconds

##### OPERATING TEMPERATURE RANGE:

50° F- 86° F (10° C- 30° C)

##### POWER:

AC adapter (included) or four AA batteries (not included)

##### CALIBRATION:

Digital with external weight/available with internal calibration, see back

##### DISPLAY TYPE:

2-line LCD with backlight

##### PAN SIZE WITH INCAL:

AV212, AV313: 4.7" (12 cm)  
AV412, AV812, AV2102, AV3102, AV4101, AV8101: 6.6" x 7.1" (16.8 cm x 18 cm)

##### PAN SIZE WITHOUT INCAL:

AV53: 3.9" (10 cm)  
AV212, AV313: 4.7" (12 cm)  
AV412, AV812: 5.8" x 6.3" (14.9 cm x 16.2 cm)  
AV2101, AV3102: 6.6" x 7.1" (16.8 cm x 18 cm)  
AV2101, AV4101, AV8101: 5.8" x 6.3" (14.9 cm x 16.2 cm)  
AV64, AV114, AV264: 3.5" (9 cm)

##### OVERALL DIMENSIONS (W X H X D) WITH INCAL:

AV213, AV313: 8.7" x 7.5" x 11.8" (22 cm x 19 cm x 30 cm)  
AV213, AV412, AV812, AV2101, AV3102: 8.7" x 3.3" x 11.8" (22 cm x 8.5 cm x 30 cm)

##### OVERALL DIMENSIONS (W X H X D) WITHOUT INCAL:

AV553: 7.6" x 5.7" x 10" (19.3 cm x 14.5 cm x 25.4 cm)  
AV212, AV313: 8.7" x 7.5" x 11.8" (22 cm x 19 cm x 30 cm)  
AV212, AV412, AV812: 7.6" x 2.8" x 10" (19.3 cm x 7.2 cm x 25.4 cm)  
AV2101, AV3102: 8.7" x 3.3" x 11.8" (22 cm x 8.5 cm x 30 cm)  
AV2101, AV4101, AV8101: 7.6" x 2.8" x 10" (19.3 cm x 7.2 cm x 25.4 cm)  
AV64, AV114, AV264: 8.7" x 12" x 11.8" (22 cm x 30.5 cm x 30 cm)

##### NET WEIGHT WITH INCAL:

AV213, AV313: 8.2 lb (3.7 kg)  
AV213: 5.7 lb (2.6 kg)  
AV412, AV812: 7.5 lb (3.4 kg)  
AV2102, AV3102: 6.9 lb (3.2 kg)  
AV2102, AV4101, AV8101: 7.7 lb (3.5 kg)  
AV64, AV114, AV264: 9.6 lb (4.4 kg)

##### NET WEIGHT WITHOUT INCAL:

AV53: 3.1 lb (1.4 kg)  
AV212, AV313: 7.3 lb (3.3 kg)  
AV212: 2.6 lb (1.2 kg)  
AV412, AV812: 3.3 lb (1.5 kg)  
AV2101, AV2102: 6.1 lb (2.8 kg)  
AV2101, AV4101, AV8101: 3.5 lb (1.6 kg)  
AV64, AV114, AV264: 8.7 lb (4 kg)

##### WARRANTY:

Two-year limited warranty

\*Note: Models AV212C, AV2101C, AV4101C and AV8101C have a stabilization