

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

Optional Feature

- NTEP Certified Legal-for-Trade 05-118A1
- Measurement Canada AM-5589

APPROVALS



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 in (12 cm)
 AV412, AV812, AV2102, AV3102, AV4101, AV8101: 6.6 in x 7.1 in (16.8 cm x 18 cm)

PAN SIZE WITHOUT INCAL:

AV53: 3.9 in (10 cm)
 AV212, AV313: 4.7 in (12 cm)
 AV412, AV812: 5.8 in x 6.3 in (14.9 cm x 16.2 cm)
 AV2102, AV3102: 6.6 in x 7.1 in (16.8 cm x 18 cm)
 AV2101, AV4101, AV8101: 5.8 in x 6.3 in (14.9 cm x 16.2 cm)
 AV64, AV114, AV264: 3.5 in (9 cm)

OVERALL DIMENSIONS

(W x H x D) WITH INCAL:

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

OVERALL DIMENSIONS

(W x H x D) WITHOUT INCAL:

AV553: 7.6 in x 5.7 in x 10 in (19.3 cm x 14.5 cm x 25.4 cm)
 AV212, AV313: 8.7 in x 7.5 in x 11.8 in (22 cm x 19 cm x 30 cm)
 AV212, AV412, AV812: 7.6 in x 2.8 in x 10 in (19.3 cm x 7.2 cm x 25.4 cm)
 AV2101, AV3102: 8.7 in x 3.3 in x 11.8 in (22 cm x 8.5 cm x 30 cm)
 AV2102, AV4101, AV8101: 7.6 in x 2.8 in x 10 in (19.3 cm x 7.2 cm x 25.4 cm)
 AV64, AV114, AV264: 8.7 in x 12 in x 11.8 in (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)

ESTIMATED SHIPPING WEIGHT:

14 - 16 lbs

WARRANTY:

Two-year limited warranty

*Note: Models AV212C, AV2101C, AV4101C and AV8101C have a stabilization time of 3 seconds