



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

OHAUS

MODEL #	DESCRIPTION	PART#	PART#	PART#
AV64	65g x 0.1 mg with draft chamber	91007	InCal™ 91015	NTEP (-N) 103072
AV114	110g x 0.1 mg with draft chamber	91008	91016	
AV264	260g x 0.1 mg with draft chamber	91009	91017	
AV53	51g x 0.001g w/draft shield	77647		103072
AV213	210g x 0.001g w/draft shield	91010	91019	
AV313	310g x 0.001g w/draft shield	91011	91020	
AV212	210g x 0.01g w/draft shield	77648	91021	103073
AV412	410g x 0.01g	77649	91022	103074
AV812	810g x 0.01g	77650	91023	103077
AV2102	2,100g x 0.01g	91012	91024	
AV3102	3,100g x 0.01g	91013	91025	
AV2101	2,100g x 0.1g	77651	91026	
AV4101	4,100g x 0.1g	77652	91027	103078
AV8101	8,100g x 0.1g	77653	91028	103080
2nd RS-232 Interface - (R)		With InCal and 2nd RS-232 Interface		Legal-for-Trade with 2nd RS-232 Interface
AV64R	91029	AV64CR	91065	
AV114R	91030	AV114CR	91066	
AV264R	91031	AV264CR	91067	
AV53R	91032	AV53NR	103081	
AV213R	91033	AV213CR	91068	
AV313R	91034	AV313CR	91069	
AV212R	91035	AV212CR	91070	AV212NR 103082
AV412R	91036	AV412CR	91071	AV412NR 103083
AV812R	91037	AV812CR	91072	AV812NR 103085
AV2102R	91038	AV2102CR	91073	
AV3102R	91039	AV3102CR	91074	
AV2101R	91040	AV2101CR	91075	AV2101NR 103086
AV4101R	91041	AV4101CR	91076	AV4101NR 103087
AV8101R	91042	AV8101CR	91077	AV8101NR 103089
With USB Interface (-U)		With InCal and USB Interface		Legal for Trade with USB Interface (-NU)
AV64U	91078	AV64CU	91098	
AV114U	91079	AV114CU	91099	
AV264U	91080	AV264CU	91100	
AV53U	91081			AV53NU 103090
AV213U	91082	AV213CU	91101	
AV313U	91083	AV313CU	91102	
AV212U	91084	AV212CU	91103	AV212NU 103091
AV412U	91085	AV412CU	91104	AV412NU 103092
AV812U	91086	AV812CU	91105	AV812NU 103094
AV2102U	91087	AV2102CU	91106	
AV3102U	91088	AV3102CU	91107	
AV2101U	91089	AV2101CU	91108	AV2101NU 103095
AV4101U	91090	AV4101CU	91109	AV4101NU 103096
AV8101U	91091	AV8101CU	91110	AV8101NU 103098

OPTIONS/ACCESSORIES

PART #	OHAUS MODEL #	DESCRIPTION
35263	76288-01	Security device
70406	80500525	Cable, IBM-PC, 9-pin
67413	SW12W	WinWedge® TAL Software
104767		Impact printer
71960		Cable for PN 104767
104770		Paper for PN 104767
104771		Ribbon for PN 104767
83222	12102320	AC adaptor 120V (Adventurer Pro)
79958	12103980	In use cover (small housing)

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