



High Capacity Model



Precision Model

APPROVALS



SPECIFICATIONS

CAPACITY:

EP213*, EP213C†: 210g
 EP413*, EP413C†: 410g
 EP613C†: 610g
 EP413D*, EP413DC†: 100/410g
 EP612*, EP612C†: 610g
 EP2102*, EP2102C†: 2100g
 EP4102*, EP4102C†: 4100g
 EP6102*, EP6102C†: 6100g
 EP4102D*, EP4102DC†: 1000/4100g
 EP4101*, EP4101C†: 4100g
 EP6101*, EP6101C†: 6100g
 EP8101*, EP8101C†: 8100g
 EP12001*, EP12001C†: 12000g
 EP22001*, EP22001C†: 22000g
 EP32001*, EP32001C†: 32000g

READABILITY:

EP213C†, EP413*, EP413C†,
 EP613C†: 0.001g
 EP413D*, EP413DC†: 0.001/0.01g
 EP612*, EP612C†, EP2102*,
 EP2102C†, EP4102*, EP4102C†,
 EP6102*, EP6102C†: 0.01g
 EP4102D*, EP4102DC†: 0.01/0.1g
 EP4101*, EP4101C†, EP6101*, EP6101C†,
 EP8101*, EP8101C†, EP12001*, EP12001C†,
 EP22001*, EP22001C†, EP32001*,
 EP32001C†: 0.1g

REPEATABILITY (STD DEV):

EP213*, EP213C†, EP413*,
 EP413C†: 0.0005g
 EP613C†: 0.0015g
 EP413D*, EP413DC†: 0.0005/0.005g
 EP612*, EP612C†, EP2102*, EP2102C†,
 EP4102*, EP4102C†: 0.005g
 EP6102*, EP6102C†: 0.01g
 EP4102D*, EP4102DC†: 0.01/0.05g
 EP4101*, EP4101C†, EP6101*, EP6101C†,
 EP8101*, EP8101C†: 0.05g
 EP12001*, EP12001C†, EP22001*, EP22001C†,
 EP32001*, EP32001C†: 0.1g

LINEARITY:

EP210*, EP213C†, EP413*, EP413C†,
 EP613C†: ±0.002g
 EP413D*, EP413DC†: ±0.002/0.005g
 EP612*, EP612C†, EP2102*, EP2102C†,
 EP4102*, EP4102C†: ±0.02g
 EP6102*, EP6102C†: ±0.04g
 EP4102D*, EP4102DC†: ±0.02/0.05g
 EP4101*, EP4101C†, EP6101*, EP6101C†,
 EP8101*, EP8101C†: ±0.1g
 EP12001*, EP12001C†, EP22001*, EP22001C†,
 EP32001*, EP32001C†: ±0.4g

WEIGHING UNITS:

Gram, milligram, kilogram, pound, ounce,
 ounce troy, carat, pennyweight, Hong Kong tael,
 Singapore tael, Taiwan tael, mommes, grain,
 tical, Newton, custom

APPLICATION MODES:

Weighing, parts counting, animal/dynamic
 weighing, checkweighing, percent weighing,
 filling, gross/net/tare weighing

FEATURES:

RS-232 port, auxiliary display port, GLP protocol,
 selectable language display text, selectable
 displayed information settings, selectable
 environmental filters, selectable auto-print
 settings, integral weigh below hook, contrast
 and brightness control, protective in-use cover

TARE RANGE:

Full capacity by subtraction

STABILIZATION TIME:

3 seconds (except EP12001*, EP12001C†,
 EP22001*, EP22001C†, EP32001*,
 EP32001C†: 4 seconds)

OPERATING TEMPERATURE

RANGE:

50°F to 86°F* (10°C to 30°C)
 50°F to 104°F† (10°C to 40°C)

POWER REQUIREMENTS:

100-120VAC, 220-240VAC, 50/60Hz

CALIBRATION:

Internal/external
 Optional automatic internal calibration

STANDARD FEATURES

- Large, high resolution, dot matrix Liquid Crystal Display (LCD) dot matrix display with backlight
- RS-232 with user selectable GLP/GMP outputs including date and time
- User-selectable stability levels, filters, auto-zero tracking and auto-print settings
- Below balance weighing
- Selectable language display text (English, Spanish, French, German, Italian)
- Ergonomic leveling system
- Auxiliary port for connection to remote display
- Protective in-use cover
- Integral security bracket
- 100-120VAC adapter

Optional Features

- NTEP Certified Legal-for-Trade 98-053A6
- Measurement Canada AM-5288

DISPLAY TYPE:

High resolution LCD dot matrix with backlight

PAN SIZE:

EP210*, EP213C†, EP413*, EP413C†,
 EP613C†, EP413D*, EP413DC†: 4.7 in (12 cm)
 diameter

EP612*, EP612C†, EP2102*, EP2102C†,
 EP4102*, EP4102C†, EP6102*, EP6102C†,
 EP4102D*, EP4102DC†: 6.8 in x 6.8 in
 (17.2 cm x 17.2 cm) with windshield

EP4101*, EP4101C†, EP6101*, EP6101C†,
 EP8101*, EP8101C†:
 8 in x 8 in (20.3 cm x 20.3 cm)

EP12001*, EP12001C†, EP22001*, EP22001C†,
 EP32001*, EP32001C†: 11 in x 14 in (28 x
 35.6 cm)

DIMENSIONS (W x H x D):

EP210*, EP213C†, EP413*, EP413C†,
 EP613C†, EP413D*, EP413DC†:
 8.3 in x 13.8 in x 13.8 in
 (21 cm x 35 cm x 35 cm)

EP612*, EP612C†, EP2102*, EP2102C†,
 EP4102*, EP4102C†, EP6102*, EP6102C†,
 EP4102D*, EP4102DC†, EP4101*, EP4101C†,
 EP6101*, EP6101C†, EP8101*,
 EP8101C†: 8.5 in x 4 in x 13.8 in
 (21.5 cm x 10.3 cm x 35 cm)

EP12001*, EP12001C†, EP22001*, EP22001C†,
 EP32001*, EP32001C†: 14 in x 5.5 in x 17.5 in
 (36 cm x 14 cm x 44.5 cm)

NET WEIGHT:

EP210*, EP213C†, EP413*, EP413C†,
 EP613C†, EP413D*, EP413DC†: 13.2 lb (6 kg)

EP612*, EP612C†, EP2102*, EP2102C†,
 EP4102*, EP4102C†, EP6102*, EP6102C†,
 EP4102D*, EP4102DC†, EP4101*, EP4101C†,
 EP6101*, EP6101C†, EP8101*,
 EP8101C†: 11 lb (5 kg)

EP12001*, EP12001C†, EP22001*, EP22001C†,
 EP32001*, EP32001C†: 27 lb (12.3 kg)

WARRANTY

OHAUS MODEL #	DESCRIPTION	EST. SHIP WEIGHT
Models with and without internal calibration		
EP213	210g x 0.001g with draft shield	13lb
EP413	410g x 0.001g with draft shield	13lb
EP613	610g x 0.001g with draft shield	13lb
EP413D	100/410g x 0.001/0.01g with draft shield*	13lb
EP612	610g x 0.01g	13lb
EP2102	2,100g x 0.01g	13lb
EP4102	4,100g x 0.01g	13lb
EP6102	6,100g x 0.01g	13lb
EP4102D	1,000/4100g x 0.01/0.1g*	13lb
EP4101	4,100g x 0.1g	13lb
EP6101	6,100g x 0.1g	13lb
EP8101	8,100g x 0.1g	27lb
EP12001	12,000g x 0.1g	27lb
EP22001	22,000g x 0.1g	27lb
EP32001	32,000g x 0.1g	27lb

NTEP models with NTEP/NTEP AutoCal

EP213N	210g x 0.001g without draft shield	14lb
EP413N	410g x 0.001g without draft shield	14lb
EP413DN	410/100g x 0.01/0.001g without draft shield	14lb
EP613N	610g x 0.01g without AutoCal	14lb
EP2102N	2,100g x 0.01g without AutoCal	14lb
EP4102N	4,100g x 0.01g without AutoCal	14lb
EP6102N	6,100g x 0.01g without AutoCal	14lb
EP4102DN	4,100/1000g x 0.01/0.1g* without AutoCal	14lb
EP4101N	4,100g x 0.1g without AutoCal	14lb
EP6101N	6,100g x 0.1g without AutoCal	14lb
EP8101N	8,100g x 0.1g without AutoCal	28lb

OPTIONS/ACCESSORIES

67422	80850045	Density determination kit (up to 610g x 1 mg)
67434	470008-010	Modular display upgrade kit (up to 8kg)
67423	470004-010	Security devices (up to 8kg)
70424	AS017-02	Cable, IBM-PC, 25-pin
70426	AS017-09	Cable, IBM-PC, 9-pin
67413	SW12W	WinWedge® TAL Software
67467	490202-01	100-120VAC adapter
67669	490203-01	220VAC adapter
35263	76288-01	Security device (12, 22 & 32kg only)
104767		Impact printer
71959	80500570	Cable for PN 104767
104770		Paper for PN 104767
104771		Ribbon for PN 104767

* Movable FineRange™

** Balances with internal calibration are equipped with a 6 in x 6 in pan and draft ring

WinWedge is a registered trademark of TAL Software.

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