

Ohaus® Explorer® Pro Precision and High Capacity Balances



High Capacity Model

Approvals



Precision Model

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
- 100–120 VAC adapter

Specifications

CAPACITY:

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

READABILITY:

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

REPEATABILITY (STD DEV):

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

LINEARITY:

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

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

POWER REQUIREMENTS:

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

CALIBRATION:

Internal/external
 Optional automatic internal calibration

DISPLAY TYPE:

High resolution LCD dot matrix with backlight

PAN SIZE:

EP210*, EP213C†, EP413*, EP413C†, EP613C†, EP413D*, EP413DC†: 4.7" (12 cm) diameter
 EP612*, EP612C†, EP2102*, EP2102C†, EP4102*, EP4102C†, EP6102*, EP6102C†, EP4102D*, EP4102DC†: 6.8" x 6.8" (17.2 cm x 17.2 cm) with windshield
 EP4101*, EP4101C†, EP6101*, EP6101C†, EP8101*, EP8101C†: 8" x 8" (20.3 cm x 20.3 cm)
 EP12001*, EP12001C†, EP22001*, EP22001C†, EP32001*, EP32001C†: 11" x 14" (28 x 35.6 cm)

DIMENSIONS (W X H X D):

EP210*, EP213C†, EP413*, EP413C†, EP613C†, EP413D*, EP413DC†: 8.3" x 13.8" x 13.8" (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" x 4" x 13.8" (21.5 cm x 10.3 cm x 35 cm)
 EP12001*, EP12001C†, EP22001*, EP22001C†, EP32001*, EP32001C†: 14" x 5.5" x 17.5" (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:

Two-year limited warranty

*Models without AutoCal
 †Model with AutoCal

Explorer® Pro Precision Balances

OHAUS

PART #	OHAUS MODEL #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
Models without internal calibration				
77617	EP213	210 g x 0.001 g with draft shield	13 lb.	\$1,709.00
77619	EP413	410 g x 0.001 g with draft shield	13 lb.	1,994.00
77621	EP613	610 g x 0.001 g with draft shield	13 lb.	2,275.00
77623	EP413D	100/410 g x 0.001/0.01 g with draft shield*	13 lb.	1,709.00
77625	EP612	610 g x 0.01 g	13 lb.	1,642.00
77627	EP2102	2,100 g x 0.01 g	13 lb.	1,709.00
77629	EP4102	4,100 g x 0.01 g	15 lb.	1,994.00
77631	EP6102	6,100 g x 0.01 g	15 lb.	2,275.00
77633	EP4102D	1,000/4100 g x 0.01/0.1 g*	15 lb.	1,709.00
77635	EP4101	4,100 g x 0.1 g	15 lb.	1,464.00
77637	EP6101	6,100 g x 0.1 g	15 lb.	1,642.00
77639	EP8101	8,100 g x 0.1 g	27 lb.	1,821.00
77641	EP12001	12,000 g x 0.1 g	27 lb.	2,984.00
77643	EP22001	22,000 g x 0.1 g	27 lb.	3,228.00
77645	EP32001	32,000 g x 0.1 g	27 lb.	3,473.00
Models with internal calibration (AutoCal™)				
77618	EP213C	210 g x 0.001 g with draft shield	14 lb.	2,025.00
77620	EP413C	410 g x 0.001 g with draft shield	14 lb.	2,310.00
77622	EP613C	610 g x 0.001 g† with draft shield	14 lb.	2,591.00
77624	EP413DC	100/410 g x 0.001/0.01 g* with draft shield	14 lb.	2,025.00
77626	EP612C	610 g x 0.01 g	14 lb.	1,958.00
77628	EP2102C	2,100 g x 0.01 g	16 lb.	2,025.00
77630	EP4102C	4,100 g x 0.01 g	16 lb.	2,310.00
77632	EP6102C	6,100 g x 0.01 g	16 lb.	2,591.00
77634	EP4102DC	1,000/4,100 g x 0.01/0.1 g*	16 lb.	2,025.00
77636	EP4101C	4,100 g x 0.1 g	16 lb.	1,780.00
77638	EP6101C	6,100 g x 0.1 g	16 lb.	1,958.00
77640	EP8101C	8,100 g x 0.1 g	16 lb.	2,137.00
77642	EP12001C	12,000 g x 0.1 g†	28 lb.	3,300.00
77644	EP22001C	22,000 g x 0.1 g†	28 lb.	3,545.00
77646	EP32001C	32,000 g x 0.1 g†	28 lb.	3,789.00
Options/Accessories				
67422	80850045	Density determination kit (up to 610 g x 1 mg)		226.00
67434	470008-010	Modular display upgrade kit (up to 8 kg)		602.00
67423	470004-010	Security devices (up to 8 kg)		104.00
70424	AS017-02	Cable, IBM-PC, 25-pin		91.00
70426	AS017-09	Cable, IBM-PC, 9-pin		91.00
67413	SW12W	WinWedge® TAL Software		255.00
67467	490202-01	100–120 VAC adapter		40.00
67669	490203-01	220 VAC adapter		40.00
35263	76288-01	Security device (12, 22 & 32 kg only)		42.00
71904	SF42	Impact printer		361.00
71959	80500570	Cable for PN 71904		88.00
71957	12101511	Paper for PN 71904 (five-pack)		35.00
71958	12101512	Ribbon for PN 71904		22.00

* Movable FineRange™

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

† Not available in LFT (U.S.)/type approved versions

WinWedge is a registered trademark of TAL Software.

Please refer to our High Precision Industrial Weighing Section in this catalog for exciting new choices and capabilities.

And don't forget to reference our full color Precision Catalog for additional solutions such as test weights, calibration services, static solutions, liquid handling, electrochemistry and more!