

## Ohaus® Explorer® Pro

Precision and High Capacity Balances



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 (LC D) dot matrix display with backlight
- RS-232 with user selectable GLP/GMP outputs including date and time
- User-selectable stability levels, filters, auto-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 (6kg)  
 EP612\*, EP612C†, EP2102\*, EP2102C†, EP4102\*, EP4102C†, EP6102\*, EP6102C†, EP4102D\*, EP4102DC†, EP4101\*, EP4101C†, EP6101\*, EP6101C†, EP8101\*, EP8101C†: 11 lb (5kg)  
 EP12001\*, EP12001C†, EP22001\*, EP22001C†, EP32001\*, EP32001C†: 27 lb (12.3kg)

#### WARRANTY:

Two-year limited warranty

\*Models without AutoCal

†Model with AutoCal