

Full featured precision weighing scale with a range of features. 7 Built-in application modes plus below balance weighing: animal weighing, parts counting, percent weighing, check weighing, filling and gross/net/tare



Manufacture: Ohaus
SKU: EP413
Weight: 30.00 lb
Free Ground Shipping within the
48 continental US States

Please Call
(800)832-0055

Features

Ohaus Explorer lab scales have multiple weighing modes, auto zero tracking, RS232, GLP, auto tare. Custom LCD with 7 characters, four user-friendly applications and more. Capacity x precision: 610 g x 0.01 g

The Explorer Pro Series of standard level balances was designed for simplicity and includes the industry's easiest user interface for easy setup and operation; no training is required. The Explorer Pro offers all the features and durability found in high-end laboratory balances plus the traditional Ohaus quality and support for years of trouble free use!

- Simple 2 key menu operation and navigation
 - Ready to weigh without complicated setup
 - Innovative man-machine interface and user prompts make Explorer Pros advanced applications easy to follow and easy to use
 - Three soft keys are application specific allowing direct access to items such as calibration, units, new sample, sample size, new reference weight, reference weight, new target and/or target
 - Flexibility to display either simple weighing results or more advanced results including piece count, average piece weight, sample size, tare weight, weight, under and over indicators
 - Selectable operating languages including English, Spanish, Italian, French and German
- 7 Built-in application modes plus below balance weighing: animal weighing, parts counting, percent weighing, check weighing, filling and gross/net/tare
 - Only Explorer Pros applications and dot matrix display allow for simultaneous viewing of reference information including piece count, percent, under/over/accept and actual weight
 - Perform animal weighing procedures in either manual, semi-auto or automatic modes
 - Parts counting also includes parts counting check and parts counting fill functions
 - Percent weighing with targets defined either as a percent or weight
 - Check weighing with primary results displayed either as a weight or a message (under, accept, over)
 - Filling application with fill guide displaying the relationship between the total load on the platform and a target
 - Gross/net/tare applications displays G/N/T values simultaneously
- Brilliant backlit high resolution dot matrix display
 - Enhances viewing in any environment
 - Simplifies menu navigation and balance set up
 - Display additional results and reference information in each application screen view
 - Capacity guide provides a visual aid by displaying the relationship between the total platform load and the full balance capacity
 - Fill guide provides a visual aid by displaying the relationship between the total platform load and a user defined target
- Standard RS232 port for easy communication with computer or printer
- GLP compliant with user selectable outputs - complete GLP/GMP capabilities including date, time, balance ID, user name, project name and reference information
- Protective in-use cover and security bracket included
- Standard auxiliary port - flexibility for use in legal applications requiring secondary display
- Standard in-use cover - spill protection at no additional cost
- Below balance weighing with integral weigh-below hook
- Integral security bracket permits locking balance with cable
- Industry leading warranty and support
- NTEP Legal For Trade approved models available

| Models without AutoCal™: | EP213 | EP413 | EP413D | EP613 | EP612 | EP2102 | EP4102 | EP4102D | EP6102 | EP4101 | EP6101 | EP8101 | EP12001 | EP22001 | EP32001 |
|-----------------------------------|--|--------|-----------------|--------|--------|---------|---------|--------------|---------|---------|---------|---------|---|----------|----------|
| Models with AutoCal™: | EP213C | EP413C | EP413DC | EP613C | EP612C | EP2102C | EP4102C | EP4102DC | EP6102C | EP4101C | EP6101C | EP8101C | EP12001C | EP22001C | EP32001C |
| Capacity (*draft shield included) | *210 g | *410 g | *100/410 g | *610 | 610 g | 2100 g | 4100 g | 1000/4100g | 6100 | 4100 g | 6100 g | 8100 g | 12000 | 22000 | 32000 |
| Readability (g) | 0.001 | | 0.001/0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01/0.1 | 0.01 g | 0.1 | | | | | |
| Repeatability (std dev) (g) | 0.0005 | | 0.0005 / 0.005 | 0.0005 | | | | 0.01/0.05 | 0.005 | 0.05 | | | 0.1 | | |
| Linearity (g) | ± 0.002 g | | ± 0.002 / 0.005 | ±0.002 | ±0.02 | | | ±0.02 / 0.05 | ±0.04 | ±0.1 | | | ±0.4 | | |
| Weighing Modes | gram, kilogram, pound, ounce, troy ounce, 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 | | | | | | | | | | | | weighing, parts counting, filling, animal weighing, checkweighing, differential weighing, formulation quick check, statistics | | |
| Features | RS232 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 & brightness control, protective in-use cover | | | | | | | | | | | | RS232 port, auxiliary display port, GLP protocol, selectable environmental settings, selectable auto-print settings, weigh below hook, contrast & brightness control, protective in-use cover | | |

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|-------------------------------|---|--|---|
| Tare Range | full capacity by subtraction | | |
| Stabilization Time | 3 seconds | | 4 seconds |
| Operating Temperature | 50° to 86°F / 10° to 30° C without internal calibration / 50° to 104°F / 10° to 40° C with internal calibration | | |
| Calibration | External / Internal | | |
| Display | High Resolution LCD Dot Matrix with back light | | |
| Power Requirements | 100-120 V ac, 220-240 V ac, 50/60 Hz | | |
| Pan Size (in/cm) | 4.7" (12 cm) diameter | 6.8" x 6.8" (17.2 x 17.2 cm) with windshield | 8" x 8" (20.3 x 20.3 cm) |
| Dimensions (W x H x D) | 8.3" x 13.8" x 13.8" (21 x 35 x 35 cm) | 8.5" x 4" x 13.8" (21.5 x 10.3 x 35 cm) | 14" x 5.5" x 17.5" (36 x 14 x 44.5 cm) |
| Net Weight | 13.2 lb (6 kg) | 11 lb (5 kg) | 27 lb (12.3 kg) |
| Type | Explorer Pro Precision | | Explorer Pro High Capacity |

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