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

OHAUS®

Manufature: Ohaus
SKU: **EP2102**
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 promps 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 difined 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	EP32001
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		

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)	11" x 14" (28 x 35.6 cm) av
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**

i81u812