



Weighing Technology

A Higher Level of Precision...A Higher Level of Performance

PH
SERIES

Intell-Lab™ High Capacity Toploading Balance



- User Friendly Menu
- Large, Easy to Read Backlit LCD Display
- Below Balance Weighing
- RS 232 Configurable Interface



Manufactured in Italy by an ISO 9001 certified company.

Model	PH-12001	PH-16001	PH-20001	PH-32001
Capacity	12,000 g	16,000 g	20,000 g	32,000 g
Readability	0.1 g			
Minimum Load	5 g			
Linearity	±0.2 g			
Repeatability (Std. Dev.)	0.2 g			0.05 g
Stabilization Time	3 seconds			
Sensitivity Drift	± 6 ppm / °C (+ 10° C to + 30° C)			
Weighing Units	g, ct, oz, lb, dwt, oz t, GN, tael (HK, Singapore, R.O.C.), mommes			
Functions	Parts counting, below balance weighing, density (as an option, note: counting is disabled)			
Tare Range	To capacity by subtraction			
Power Source	110 VAC / 24 VAC adapter			
Construction	Fabricated steel housing, stainless steel platform			
Display	Large, easy to read backlit LCD display			
Pan Size	12.6 x 8.3 inches / 320 x 211 mm			
Dimensions (W x D x H)	12.8 x 11.6 x 3.7 inches / 325 x 295 x 95 mm			
Operating Environment	+41°F to +95°F / +5°C to +35°C			
Connectivity	RS 232 bi-directional, configurable			
Calibration	External calibration			
Net Weight	16 lb / 7.3 kg			25 lb / 11.4 kg
Shipping Weight	22 lb / 10 kg			31 lb / 14 kg
Options	Printer, density kit, density software (note: counting feature is disabled)			

Features

- Easy to use keyboard arrangement and menu
- Alpha-numeric display
- Tactile keypad
- Waterproof keyboard
- Adjustable environmental filter settings (5 levels)
- Multiple weighing units (11 units)
- Parts counting function
- RS 232 bidirectional serial interface – user selectable for printer or computer
- Selectable baud rate
- One key calibration function
- Auto zero can be enabled / disabled
- 100% subtractive tare
- Large, bright backlit LCD display
- Adjustable feet / spirit level
- Below balance weighing
- Density function (optional)

Benefits

- Makes training and operation simple, reducing mistakes
- Easy to understand menu navigation
- Positive feedback allows for precise entry of information
- Protects against damage to electronic components
- Can adjust balance response to differing environmental conditions for more controlled results
- Allows flexibility of weighing across many disciplines
- Allows accurate counting of components and small parts. (Can be enabled/disabled)
- Allows communication with peripheral data collection and printing instruments
- Allows connection to different data collection devices
- Calibration is simple, ensuring that the balance will be calibrated often during use
- Applications such as evaporation can be accommodated
- Enables the weight of containers to be ignored
- Easy to read in all lighting conditions including bright sunlight
- The balance remains level for accurate results even on uneven working surfaces
- Allows for easy weighing of bulky items
- Allows for easy calculation of density