



Weighing Technology

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

PB 0.001 g

SERIES

Intell-Lab™ Toploading Milligram Balance

- ⌋ User Friendly Menu
- ⌋ Large, Easy to Read Backlit LCD Display
- ⌋ Configurable RS 232 Interface
- ⌋ Prints GLP Format
- ⌋ Below Balance Weighing
- ⌋ CalQuick™ Single Button Calibration
- ⌋ Glass Draft Shield
- ⌋ Force Restoration Sensor



Manufactured in Italy for Intelligent Weighing Technology, Inc. in an ISO 9001 certified facility

PB 0.001 g

SERIES

Intell-Lab™

Milligram Balance

| Model | PB-500 | PB-720 | PB-1000 | PB-1200 |
|--|--|--------|---------|---------|
| Capacity | 500 g | 720 g | 1000 g | 1200 g |
| Readability | 0.001 g | | | |
| Suggested Minimum Load | 10 mg | | | |
| Repeatability (Std. Dev.) | 0.0005 g | | | |
| Linearity | ± 0.002 g | | | |
| Sensitivity Drift | ± 4 ppm / °C (+ 10°C to + 30°C) | | | |
| Stabilization Time | 2 seconds | | | |
| Weighing Units | g, ct, oz, lb, dwt, oz t, GN, tael, (HK, Singapore, R.O.C.), momme | | | |
| Functions | Parts counting, below balance weighing, checkweighing, density (as an option, note: counting is disabled) | | | |
| Tare Range | To capacity by subtraction | | | |
| Power Source | 110 VAC / 24 VAC adapter | | | |
| Construction | Static resistant ABS, in-use cover supplied, glass draft shield | | | |
| Display | Large, easy to read backlit LCD display | | | |
| Pan Size | 4.3 inches / 110 mm diameter | | | |
| Draft Shield Internal Dimensions (W x H) | 6.2 x 2.2 inches / 157 x 55 mm | | | |
| Overall Dimensions (W x D x H) | 8.1 x 12.8 x 6.5 inches / 205 x 325 x 165 mm | | | |
| Operating Environment | +41 °F to +95 °F / +5 °C to +35 °C | | | |
| Connectivity | RS 232 bi-directional, configurable | | | |
| Calibration | External calibration | | | |
| Net Weight | 9.9 lb / 4.5 kg | | | |
| Shipping Weight | 20 lb / 9.1 kg | | | |
| Options | Printers, density kit, density software (note: counting feature is disabled)(Must be specified with order) | | | |

| Features | Benefits |
|---|---|
| Easy to use keyboard arrangement and menu | Makes training and operation simple, reducing mistakes |
| Alpha-numeric display | Easy to understand menu navigation |
| Tactile keypad | Positive feedback allows for precise entry of information |
| Waterproof keyboard | Protects against damage to electronic components |
| Adjustable environmental filter settings (5 levels) | Can adjust balance response to differing environmental conditions for more controlled results |
| Multiple weighing units (11 units) | Allows flexibility of weighing across many disciplines |
| Parts counting function | Allows accurate counting of components and small parts (can be enabled / disabled) |
| RS 232 bidirectional serial interface – user selectable for printer or computer | Allows communication with peripheral data collection and printing instruments |
| Selectable baud rate | Allows connection to different data collection devices |
| One key calibration function | Calibration is simple, ensuring that the balance will be calibrated often during use |
| Auto zero can be enabled / disabled | Applications such as evaporation can be accommodated |
| 100% subtractive tare | Enables the weight of containers to be ignored |
| Large, bright backlit LCD display | Easy to read in all lighting conditions including bright sunlight |
| Adjustable feet / spirit level | The balance remains level for accurate results even on uneven working surfaces |
| Below balance weighing | Allows for easy weighing of bulky items |
| Density function (optional) | Allows for easy calculation of density (must be specified at time of order) |



Weighing Technology

Intelligent Weighing Technology, Inc.

www.intelligentwt.com

Rev: PB 0.001 09/13