



Weighing Technology

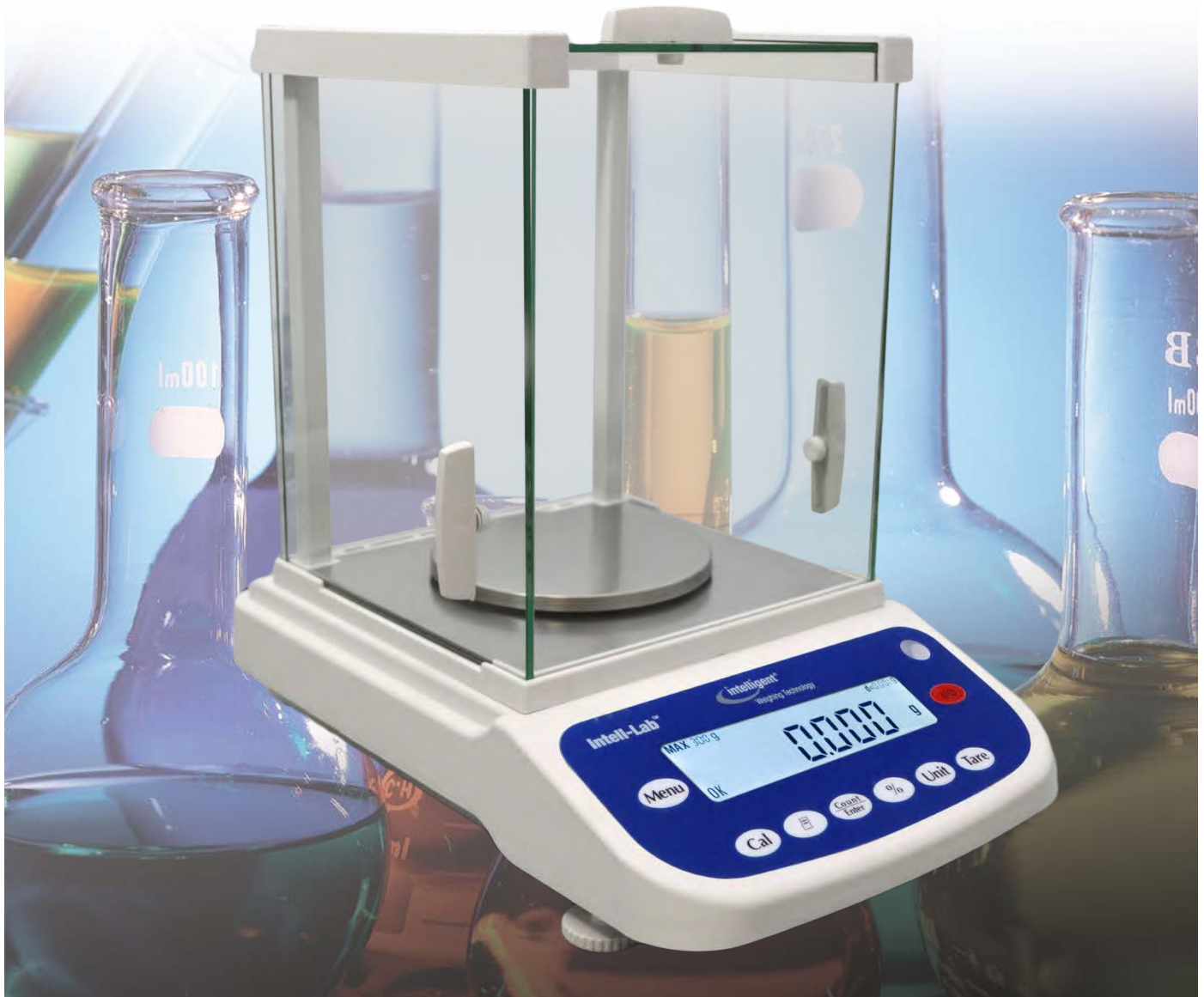
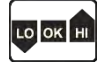
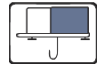
A Higher Level of Precision...A Higher Level of Performance

PBM

SERIES

Intell-Lab™ Toploading Milligram Balance

- ⌋ User Friendly Menu
- ⌋ Large, Easy to Read Backlit LCD Display
- ⌋ Configurable RS 232 Interface
- ⌋ Below Balance Weighing
- ⌋ CalQuick™ Single Button Calibration
- ⌋ Glass Draft Shield
- ⌋ Ceramic Loadcell



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

PBM

SERIES

Intell-Lab™

Milligram Balance

Model	PBM-320
Capacity	320 g
Readability	0.001 g
Suggested Minimum Load	10 mg
Repeatability (Std. Dev.)	0.001 g
Linearity	± 0.002 g
Sensitivity Drift	± 10 ppm / °C (+ 10°C to + 30°C)
Stabilization Time	2 seconds
Weighing Units	g, ct, oz, dwt
Functions	Parts counting, below balance weighing, checkweighing, percent weighing
Tare Range	To capacity by subtraction
Power Source	110 VAC / 7.5 VDC adapter
Construction	Static resistant ABS, glass draft shield
Display	Large, easy to read backlit LCD display (backlight configurable)
Pan Size	4.5 inches / 115 mm diameter
Draft Shield Internal Dimensions (W x D x H)	7.75 x 6.75 x 6.75 inches / 197 x 171 x 171 mm
Overall Dimensions (W x D x H)	9 x 12.2 x 13 / 230 x 310 x 330
Operating Environment	+41 °F to +111 °F / +5 °C to +44 °C
Connectivity	RS 232 bi-directional, configurable
Calibration	External calibration
Net Weight	8.25 lb / 3.75kg
Shipping Weight	15 lb / 6.8 kg
Options	Printers, Calibration Weight

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
Multiple weighing units (4 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
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 and density weighing



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Intelligent Weighing Technology, Inc.

www.intelligentwt.com

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