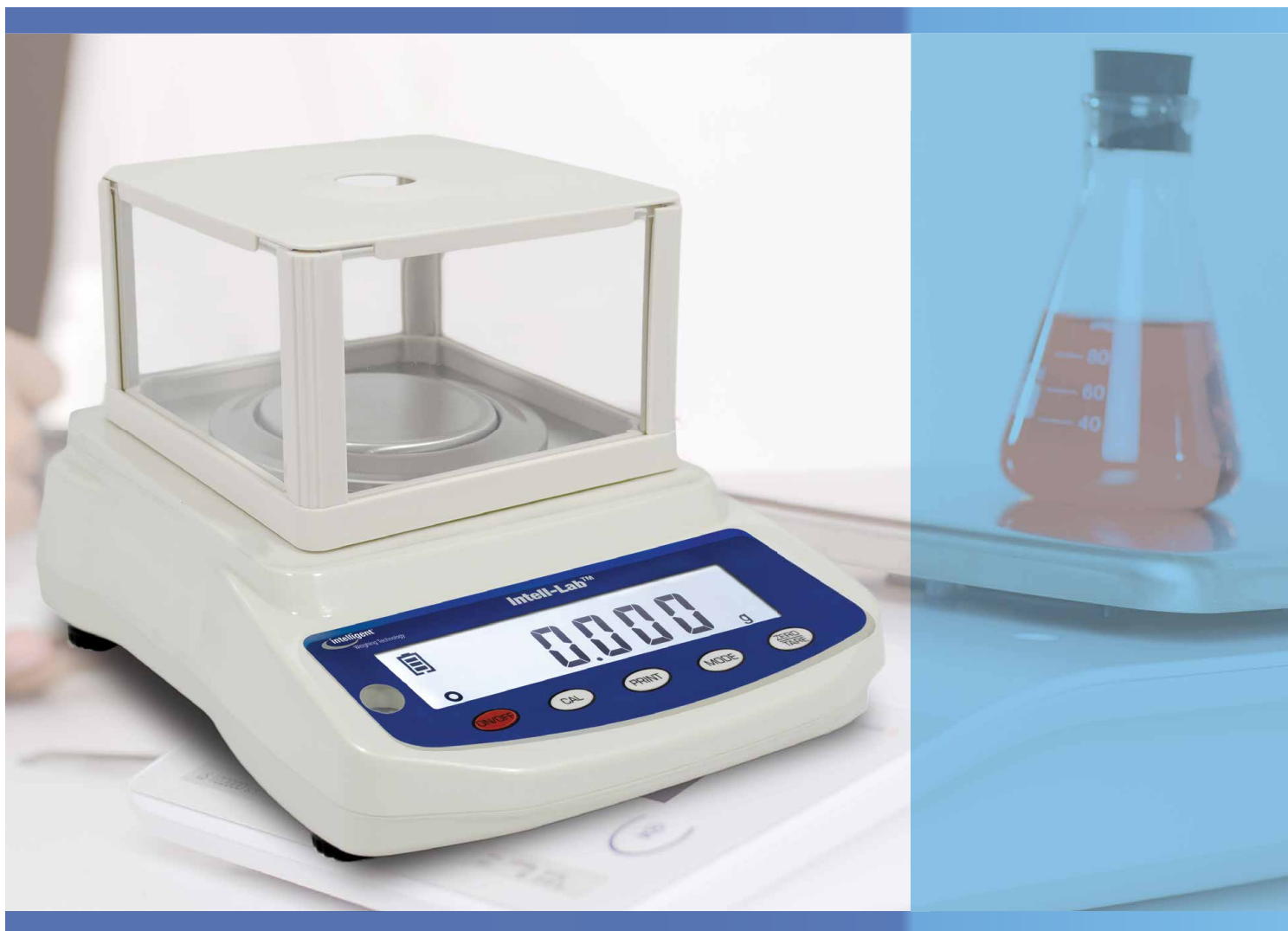# Intelligent-Lab™ Milligram Balance

- User Friendly Menu
- Large, Easy to Read Backlit LCD Display
- Configurable RS 232 Interface
- CalQuick™ Single Button Calibration
- Grams per Meter^2 Program
- Optional Rechargeable Battery
- Optional Fabric Cutter
- Calibration Weight Included
- Rear Display

intelligent®

Weighing Technology

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

intelligent ®
Weighing Technology
A Higher Level of Precision . . . A Higher Level of Performance

Model	PMW-320
Capacity	320 g
Readability	0.001 g
Suggested Minimum Load	10 mg
Repeatability (Std. Dev.)	± 0.002 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, oz t, lb, GN, kg, g/m^2
Functions	Parts counting
Tare Range	To capacity by subtraction
Power Source	110 VAC / 9 VDC adapter (supplied) or rechargeable battery (optional)
Construction	Static resistant ABS
Display	Large, easy to read backlit LCD display (backlight configurable)
Pan Size	3.3 in / 85 mm diameter
Draft Shield Internal Dimensions (W x D x H)	5.5 x 5.5 x 3.0 in / 140 x 140 x 76 mm
Overall Dimensions (W x D x H)	8.25 x 11.25 x 7 in / 230 x 310 x 178 mm
Operating Environment	+41 °F to +104 °F / +5 °C to +40 °C
Connectivity	RS 232, configurable
Calibration	External calibration
Net Weight	4 lb / 1.2 kg
Shipping Weight	6 lb / 2.72 kg
Options	Fabric Cutter, Rechargeable Battery, Printer

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 (9 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 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 and test weight	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
Rear Display	Excellent for educational settings and where training or supervision is needed
In use dust cover	Protects balance against spillage and contamination

Manufactured for Intelligent Weighing Technology, Inc. in an ISO 9001 certified facility
Toll Free: 866-920-3000   •   Direct: 805-642-3034   •   www.intelligentwt.com
Rev: PMW 08-14