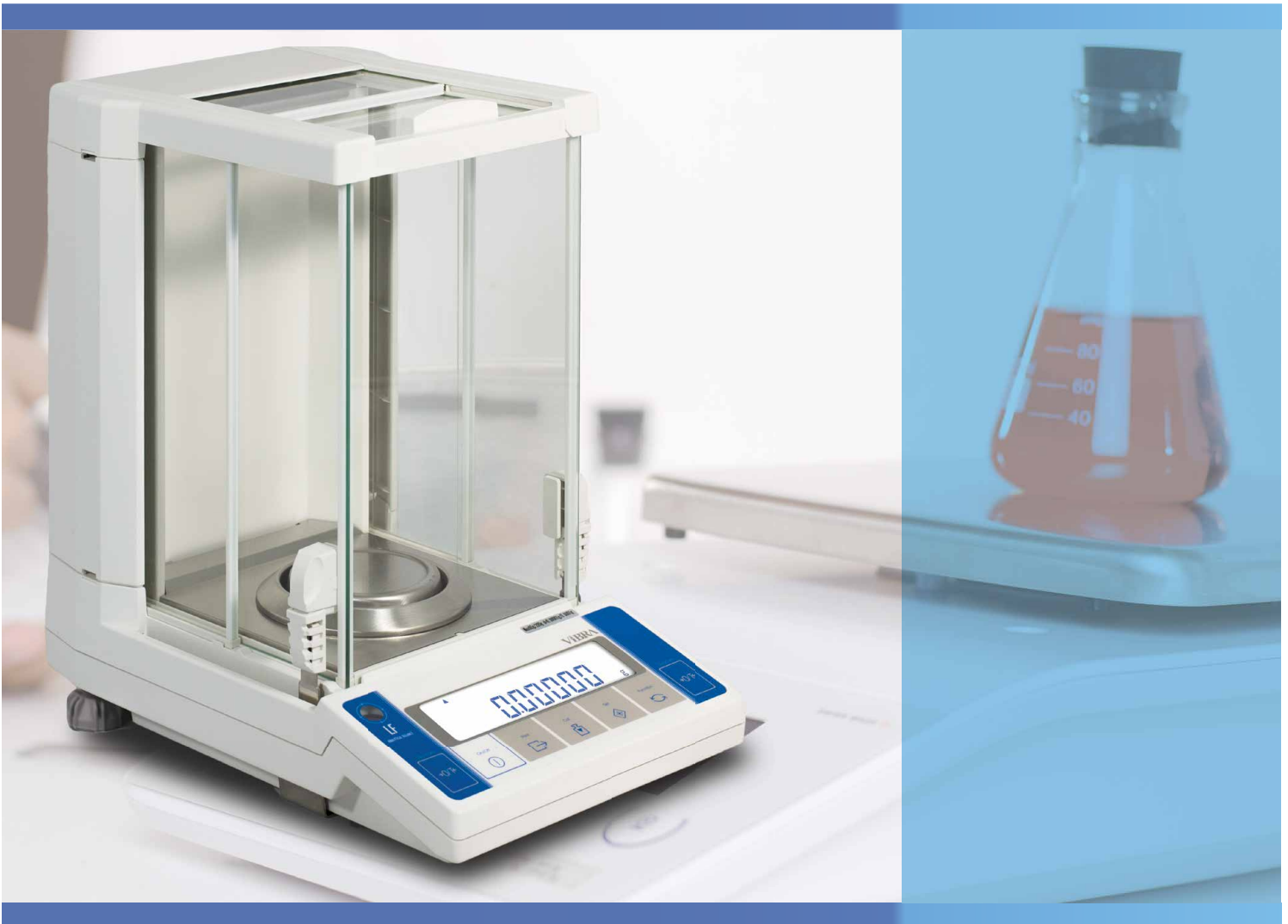# Intelligent-Lab™ Semi Micro Balance

- Windows® Compatible via USB / RS 232 Interface
- Large, Easy to Read Backlit LCD Display
- Reads in g, mg, ct, oz, lb, oz t, dwt, GN, momme
- Density, Statistics, Checkweighing, Accumulation, Counting, %
- Adjustable Filtering Levels
- CalQuick™ Single Button Calibration
- Below Balance Weighing
- GLP Compliant
- Nesting Split Doors with "Cross-Over"
- Force Restoration by Vibra®

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

Made in Japan

Model	LF-225 DR
Calibration	Internal calibration
Capacity	92 g / 220 g (Dual range)
Readability	0.00001 g / 0.0001 g (0.01 mg / 0.1 mg)
Repeatability (Std. Dev.)	± 0.00002 g (0.02 mg) 0.0001 g (0.1 mg)
Linearity	±.0.00003 g (0.03 mg) ± 0.0002 g (0.02 mg)
Stabilization Time	≤ 5 seconds / 3 seconds
Weighing Units	g, mg, ct, oz, lb, oz t, dwt, GN, momme
Functions	Statistics, counting, below balance weighing, percentage, density, checkweighing (limit function) GLP compliant, accumulation
Tare Range	To capacity by subtraction
Power Source	110 VAC, 5.5 VDC 50/60 Hz
Construction	Cast aluminum and static resistant ABS, 3 door glass draft shield, stainless steel weighing pan and surrounding area
Display	Large, easy to read LCD display with backlight and icons, 5/8" (16 mm) high
Pan Size	3.15 inches / 80 mm diameter
Draft Shield Internal Dimensions (W x D x H)	6 x 6.25 x 9.5 inches / 152 x 159 x 241 mm
Overall Dimensions (W x D x H)	12.5 x 8.25 x 13 inches / 209 x 317 x 330 mm
Operating Environment	50 °F to 86 °F / 10 °C to 30 °C
Connectivity	Configurable USB / RS 232 interface with free RTS Data Collection Software for Windows®
Net Weight	12.2 lb / 5.5 kg
Shipping Weight	21 lb / 9.5 kg (25 x 25 x 25 inches)
Options	Density Kit, OIP-100 Printer, SDI Remote Display, Intelligent-Ionizer, Anti-Vibration Plate

Features	Benefits
Cross-Over Doors	Enables the user to open a door from the opposite side
Easy to use keyboard arrangement and menu	Makes training and operation simple, reducing mistakes
Alpha-numeric display	Easy to understand menu navigation
Waterproof keyboard	Protects against damage to electronic components
Adjustable environmental filter settings (3 levels)	Can adjust balance response to differing environmental conditions for more controlled results
Multiple weighing units	Allows flexibility of weighing across many disciplines
Parts counting function	Allows accurate counting of components and small parts
USB / RS 232 serial interface – user selectable for printer or computer	Allows communication with peripheral data collection and printing instruments. Windows® compatible
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
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 display	Easy to read in all lighting conditions including bright sunlight
Adjustable feet / spirit level	The balance remains level even on uneven working surfaces
Keyboard dust cover	Protects keyboard from contamination and liquids

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