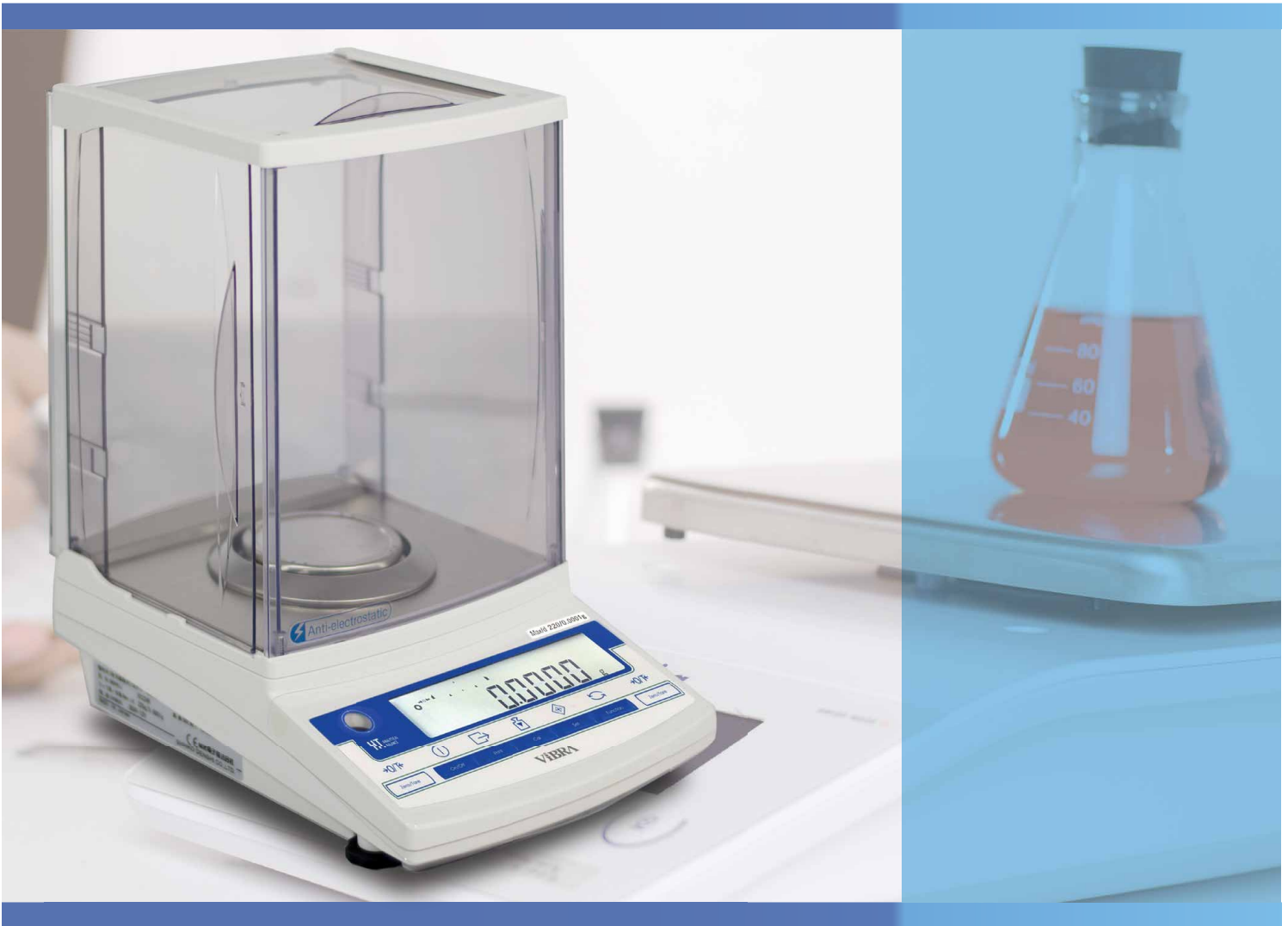# Intelligent-Lab™ Analytical Balance

- Configurable RS 232 Interface, Windows® Compatible
- Large, Easy to Read Backlit LCD Display with Icons
- Reads in g, mg, ct, oz, lb, oz t, dwt, GN, momme
- Counting, %, Density, Accumulation, Checkweighing
- Optional Density Kit
- CalQuick™ Single Button Calibration
- 3-Door Anti-Static Draft Shield
- Below Balance Weighing
- GLP Compliant
- Vibra® Tuning Fork Sensor

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Model	HT-224	HT-224 R
Calibration	External Calibration	Internal Calibration
Capacity	220 g	
Readability	0.0001 g (0.1 mg)	
Repeatability (Std. Dev.)	± 0.0001 g (0.1 mg)	
Linearity	±.0.0003 g (0.3 mg)	
Stabilization Time	≤ 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	6.4 lb / 2.9 kg	6.4 lb / 2.9 kg
Shipping Weight	11.24 lb / 5.1 kg (18 x 16 x 20 inches)	11.24 lb / 5.1 kg (18 x 16 x 20 inches)
Options	Density Kit, OIP-100 Printer, SDI Remote Display, Intelligent-Ionizer, Anti-Vibration Plate	

Features	Benefits
CalQuick™ one button calibration	Calibration is simple, ensuring that the balance will be calibrated often during use
Dedicated print button	Easy data transfer to printer or computer
Large stainless steel pan	Allows for easy weighing of large objects
Spill ring	Protects against damage to electronic components
Adjustable bright, backlit LCD display	Easy to read in all lighting conditions including bright sunlight
Multiple weighing units	Allows flexibility of weighing
Keyboard dust cover	Protects balance from spillage and contamination
Leveling feet with 2 points of adjustment	The balance remains level for accurate results even on uneven working surfaces
Configurable RS 232 interface with Direct to Windows® communication	Allows communication with peripheral data collection and printing instruments

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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