



Weighing Technology

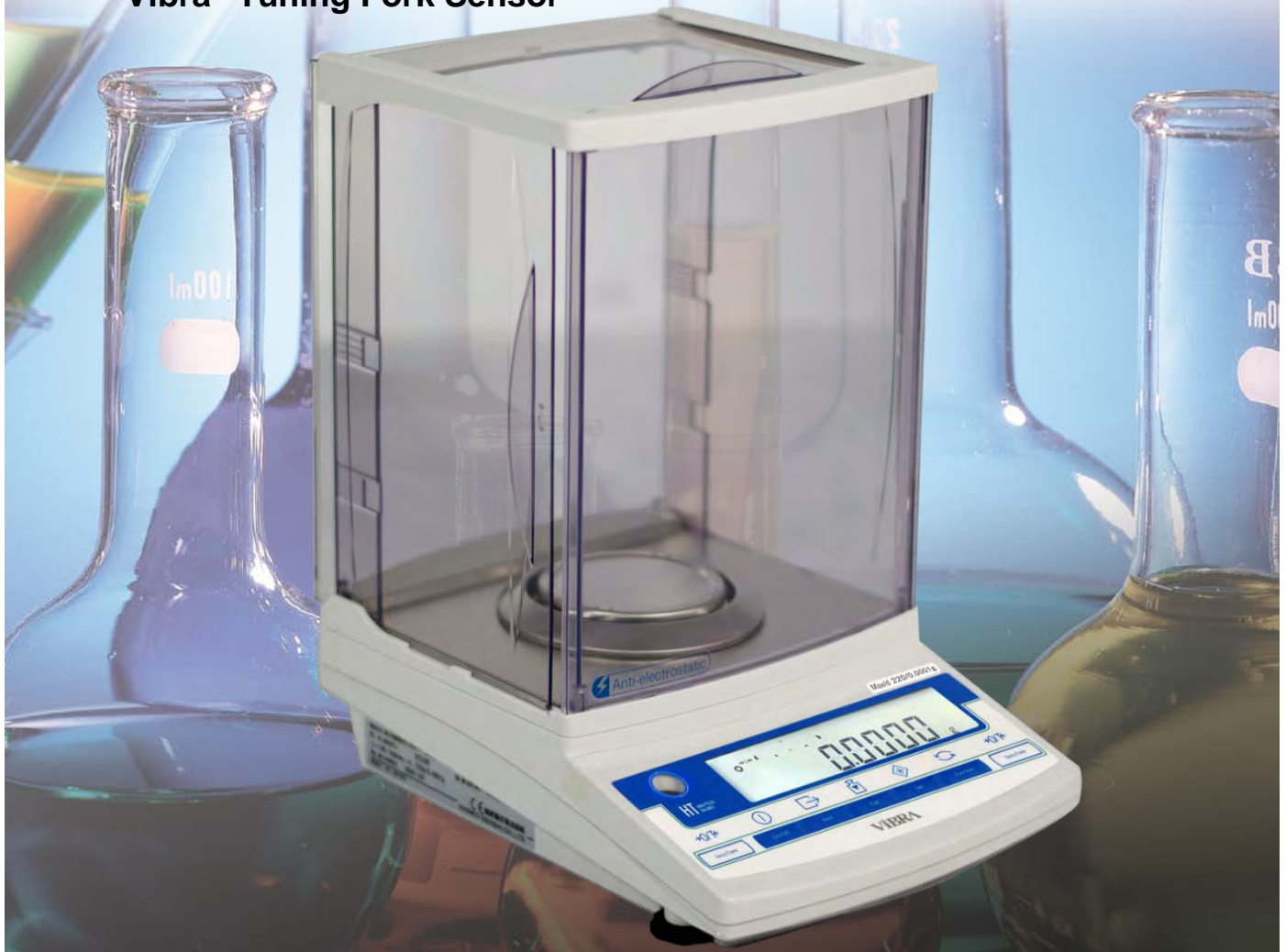
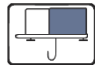
A Higher Level of Precision...A Higher Level of Performance

HT / HT-R

SERIES

## Intell-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



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

# HT-224 / HT-224 R

## SERIES

Intell-Lab™  
Analytical Balance

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	220 x 0.0001
	mg	220000 x 0.1
	ct	1100 x 0.001
	oz	7.7 x 0.001
	lb	0.48 x 0.000005
	oz t	7 x 0.000005
	dwt	140 x 0.001
	GN	3300 x 0.002
	momme	58 x 0.00005
Functions	Counting, %, density, accumulation, checkweighing (limit function), below balance weighing, GLP compliant	
Tare Range	To capacity by subtraction	
Power Source	120 VAC, 9 VDC, 50/60 Hz, 500 mA	
Construction	ABS base, analytical type 3 door anti-static plastic draft shield	
Display	Large, easy to read 5/8" (16 mm) LCD display with backlight and icons	
Pan Size	3.1 inches / 80 mm diameter	
Draft Shield Internal Dimensions (W x D x H)	7.4 x 6.0 x 8.25 inches / 188 x 152 x 210 mm	
Overall Dimensions (W x D x H)	7.88 x 11.40 x 11.81 inches / 200 x 290 x 300 mm	
Operating Environment	50 °F to 86 °F / 10 °C to 30 °C Humidity 80% RH or lower	
Connectivity	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)	
Options	Printers, density kit, ionizer, SDI remote display	

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



Weighing Technology

Intelligent Weighing Technology, Inc.

www.intelligentwt.com

Rev: HT-224 09/13