The ViBRA HT Series Analytical laboratory balances from Intell-Lab are produced in Japan in one of the cleanest facilities you will ever see. The quality of workmanship and attention to detail is superb. Starting at the bottom of the balance, there are three support points, two of which are adjustable to provide leveling. The base contains the revolutionary

VïBRA®

Capacity x Readability
220 g x 0.1 mg
Pan Size
80 mm (Diameter)

Manufature: ViBRA
SKU: **2-HT4-S220-121**
UPC: 820103864947
Weight: 21.00 lb
Free Ground Shipping within the 48 continental US States

**Please Call
(800)832-0055**

Features

The ViBRA HT Series Analytical laboratory balances from Intell-Lab are produced in Japan in one of the cleanest facilities you will ever see. The quality of workmanship and attention to detail is superb. Starting at the bottom of the balance, there are three support points, two of which are adjustable to provide leveling. The base contains the revolutionary Vibra double ended tuning fork sensor, which gives almost instant start up because it does not require a warm up time, unlike conventional force restoration balances. Probably the most stable system on the market, the Vibra module is also very resilient against shipping or any movement induced damage. As there is no coil, it is also stable when weighing magnets.

The floor of the weighing chamber is lined with high quality stainless steel and is fitted with a spill ring (to guard the internal components from accidental spillage), an anti-buoyancy plate to ensure air currents within the chamber do not affect the weighing results and a 3.15" diameter platter. There is plenty of room for large, awkward samples to be weighed in the 6 x 6.25 x 9.5" chamber. The weighing chamber of anti-electrostatic material is easily removable to enable proper cleaning of spills and contamination, as regular cleaning is recommended. The three doors give excellent access for operations such as pipette calibration.

The capacity of the balance offers analytical weighing up to 220 g x 0.1 mg, and reads in 9 weighing units, and Easy RES™ which allows you to change between three response times to suit your application. The balance comes equipped with many programs to match laboratory applications

such as GLP, density, parts counting, checkweighing, accumulation, Quick Cal™ calibration, adjustable backlight levels, under balance weighing and Direct to Windows via Serial RS232. The HT Series is a complete solution to any laboratory request for analytical weighing performance. It is supplied with a comprehensive user operation manual to help you get the most out of your investme

- 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 (Removeable & Washable)
- Below Balance Weighing
- GLP Compliant
- Vibra® Tuning Fork Sensor
- Static Charge & Magnetism Resistant

Specifications

Model	HT-84 2-HT4-S084-121	HT-124 2-HT4-S124-121	HT-224 2-HT4-S220-121	HT-224-R 2-HT4-S220-122
Capacity x Readability	80g x 0.1mg	120g x 0.1mg	220g x 0.1mg	220g x 0.1mg
Calibration	External	External	External	Internal
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 static-resistant doors, 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
Shipping Weight	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, Underweighing Hook, Airline Suitable Carrying Case

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

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