

Intelligent-Lab™ NTEP Centigram Balance



- Configurable RS 232 Interface, Windows® Compatible
- NTEP Approved to 0.1 g
- Reads in g, ct, oz, lb, oz t, GN
- Counting, %, Density, Accumulation, Checkweighing
- Optional Density Kit
- GLP Compliant
- Below Balance Weighing
- Optional Rechargeable Battery
- Vibra® Tuning Fork Sensor



Class II



Weighing Technology

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

Made in Japan



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AJ

Series

Model	AJ-2200	AJ-3200	AJ-6200
Calibration	External calibration		
Capacity	2200 g	3200 g	6200 g
Readability	0.01 g (NTEP 0.1 g Class II)		0.01g (NTEP 0.1 g Class I)
Repeatability (Std. Dev.)	± 0.01 g		
Linearity	±0.01 g		
Stabilization Time	≤ 3 seconds		
Weighing Units	g, ct, oz, lb, oz t, GN		
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	Die cast aluminum base, ABS housing, stainless steel platter		
Display	Large, easy to read 5/8" (16 mm) LCD display with backlight and icons		
Pan Size	7.1 x 6.3 inches / 180 x 160 mm		
Overall Dimensions (W x D x H)	7.55 x 10.5 x 3.94 inches / 192 x 266 x 100 mm		
Operating Environment	41 °F to 95 °F / 5 °C to 35 °C Temperature fluctuation ≤ 2 °C / hour Humidity 50% to 85% RH		
Connectivity	RS 232 interface, with free RTS data collection software for Windows®		
Net Weight	8.15 lb / 3.7 kg		
Shipping Weight	12.34 lb / 5.6 kg		
Options	Printers, density kit, rechargeable battery (has to be fitted prior to purchase), SDI remote display, Carrying Case		

Features	Benefits
Easy 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
In use dust cover	Protects balance against spillage and contamination
Multiple weighing units	Allows flexibility of weighing
4 Leveling feet for adjustment	The balance remains level for accurate results even on uneven working surfaces
Configurable RS 232 interface	Allows communication with peripheral data collection and printing instruments



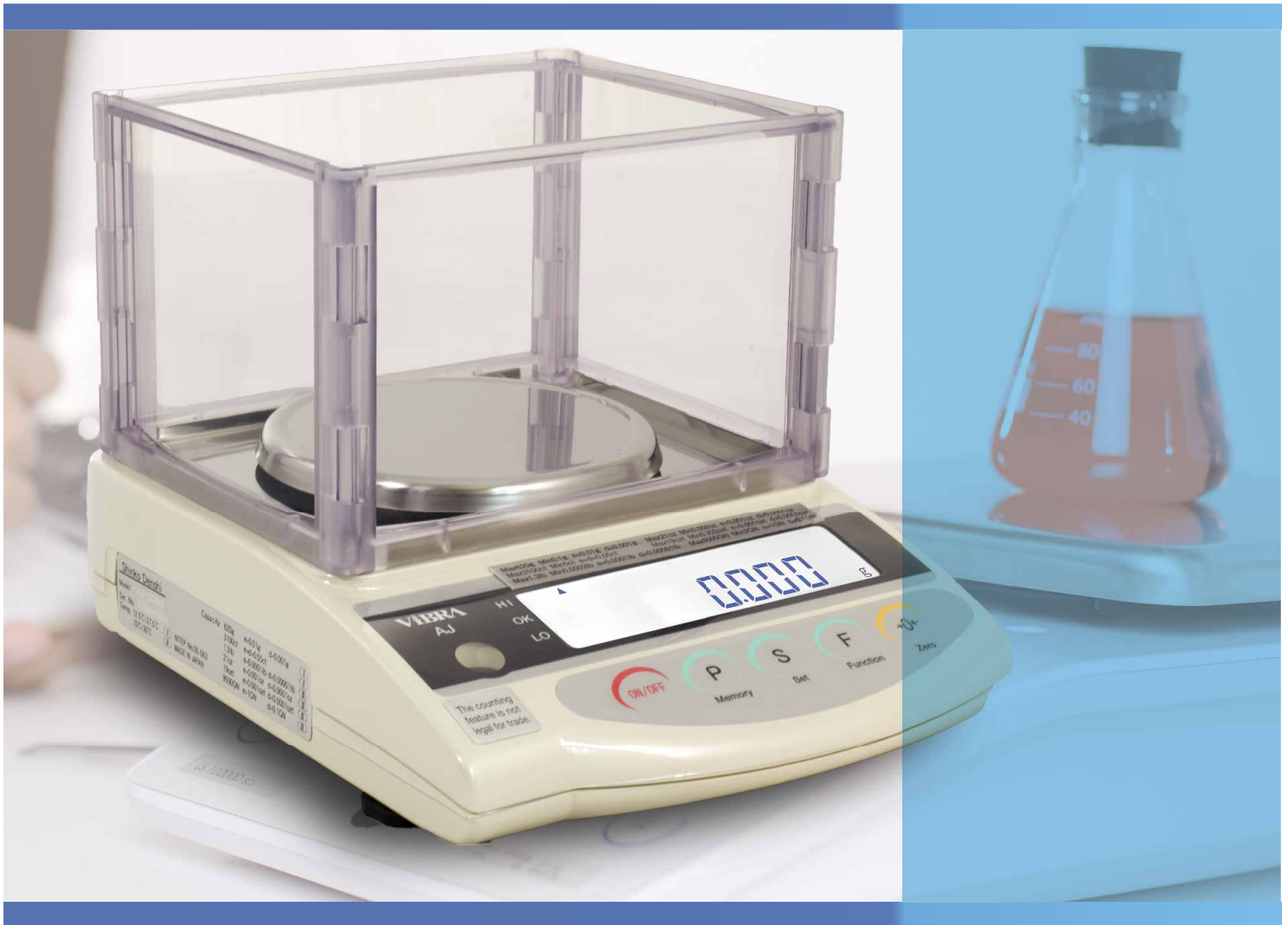
Note! NTEP Approval on 0.1 g displayed digit only, not 0.01 g. Class II. The counting feature is approved only for Pharmacy Prescription Filling C.O.C. 05-063

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

Rev: AJ-01 05-15

Intelligent-Lab™ Milligram Balance



- Vibra® Tuning Fork Sensor
- Configurable RS 232 Interface, Windows® Compatible
- NTEP Approved to 0.01 g
- Reads in g, ct, oz, lb, oz t, GN
- Counting, %, Density, Accumulation, Checkweighing
- Optional Density Kit
- GLP Compliant
- Below Balance Weighing
- Optional Rechargeable Battery



Class I & II



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AJ

Series

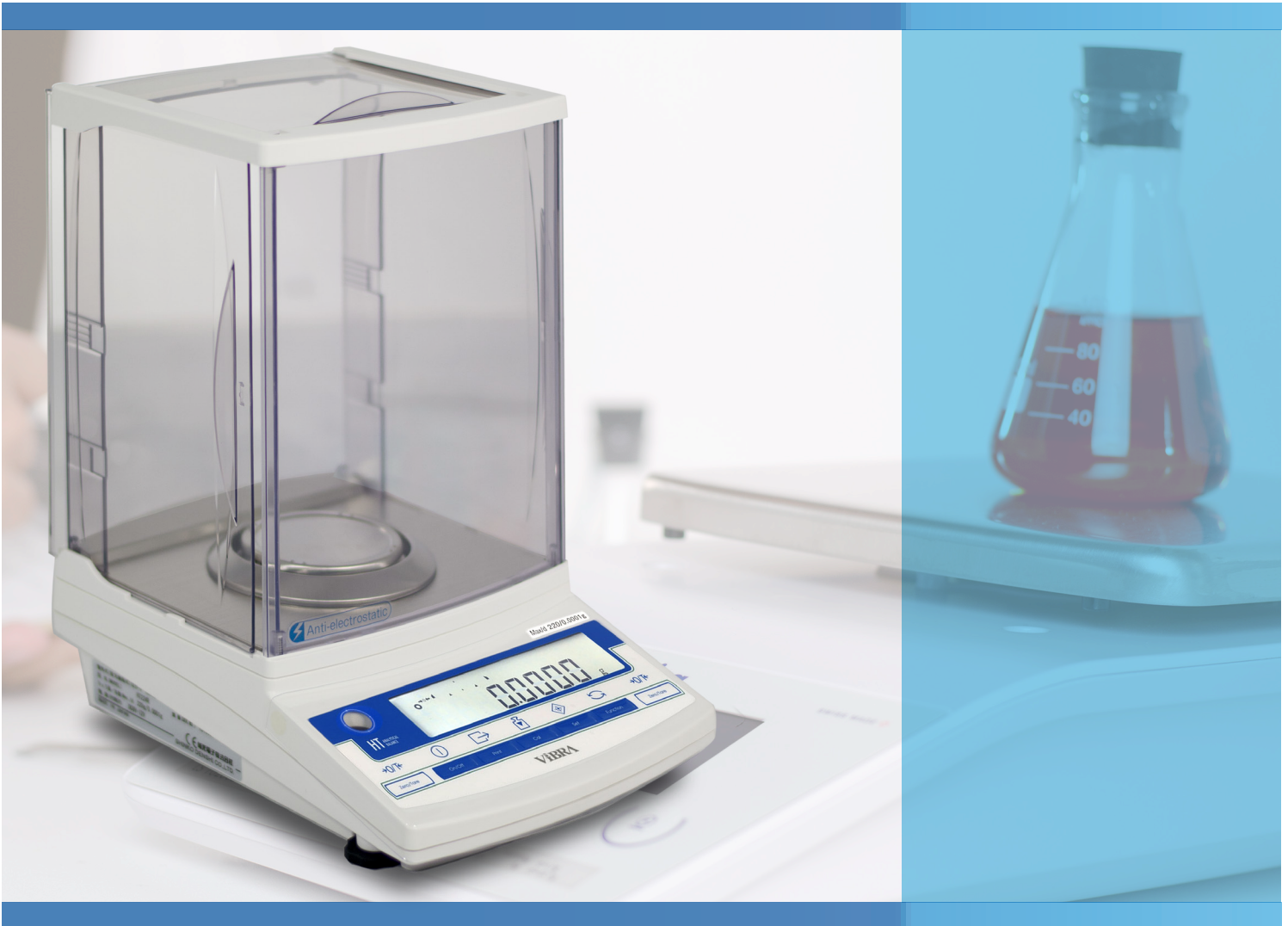
Model	AJ-320	AJ-620
Calibration	External calibration	
Capacity	320 g	620 g
Readability	0.001 g (NTEP 0.01 g Class II)	0.001 g (NTEP 0.01 g Class I)
Repeatability (Std. Dev.)	± 0.001 g	
Linearity	±0.001 g	
Stabilization Time	≤ 3 seconds	
Weighing Units	g, ct, oz, lb, oz t, GN	
Functions	Counting, %, density, 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	Die cast aluminum base, ABS housing, anti-static plastic draft shield	
Display	Large, easy to read 5/8" (16 mm) LCD display with backlight and icons	
Pan Size	4.65 inches / 118 mm diameter	
Draft Shield Internal Dimensions (W x D x H)	6.9 x 5.4 x 3.4 inches / 175 x 138 x 85 mm	
Overall Dimensions (W x D x H)	7.15 x 9.25 x 6.7 inches / 182 x 235 x 170 mm	
Operating Environment	41 °F to 95 °F / 5 °C to 35 °C Temperature fluctuation ≤ 2 °C / hour Humidity 50% to 85% RH	
Connectivity	RS 232 interface, with free RTS data collection software for Windows®	
Net Weight	2.86 lb / 1.3 kg	2.86 lb / 1.3 kg
Shipping Weight	6.5 lb / 2.94 kg	6.5 lb / 2.94 kg
Options	Density Kit, OIP-100 Printer, SDI Remote Display, Rechargeable Battery	

Features	Benefits
Easy 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
In use dust cover	Protects balance against spillage and contamination
4 Leveling feet for adjustment	The balance remains level for accurate results even on uneven working surfaces
Configurable RS 232 interface	Allows communication with peripheral data collection and printing instruments

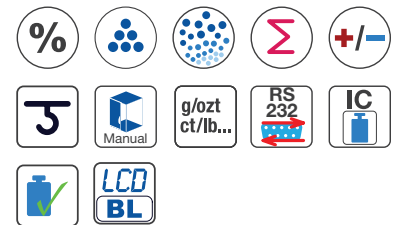


Note! NTEP Approval on 0.01 g displayed digit only, not 0.001 g. Class I & II. The counting feature is approved only for Pharmacy Prescription Filling C.O.C. 05-063

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



Optional

 Carrying Case



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HT
Series

Model	HT-84	HT-124	HT-224	HT-224 R
Calibration	External Calibration	External Calibration	External Calibration	Internal Calibration
Capacity	80 g	120 g	220 g	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 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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