



Weighing Technology

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

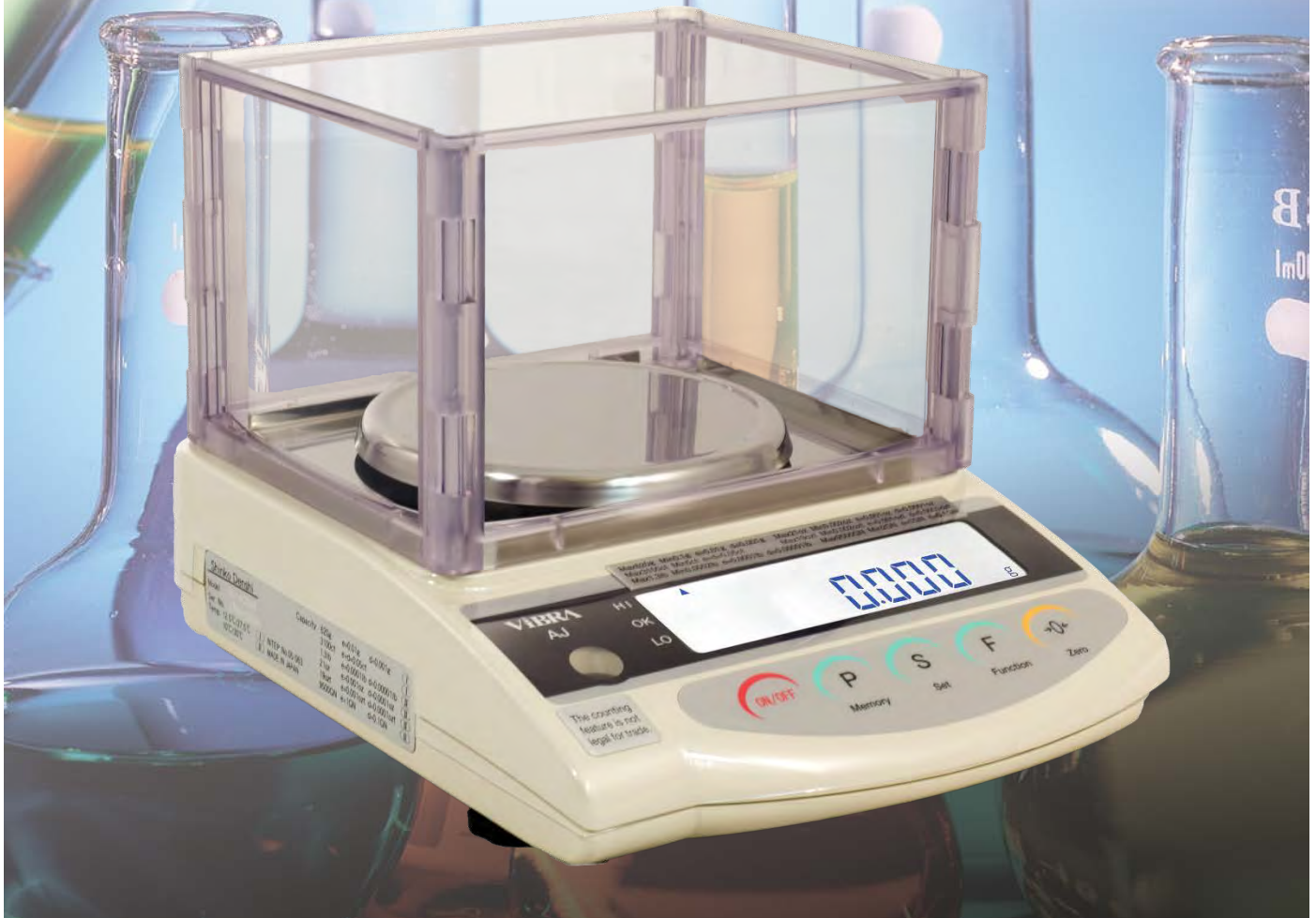
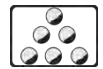
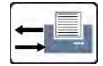
AJ
SERIES

Intell-Lab™ Milligram Laboratory Balance

- ⌋ 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
- ⌋ Vibra® Tuning Fork Sensor



Class I
Class II



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

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	320 x 0.001	620 x 0.001
	ct	1600 x 0.01	3100 x 0.01
	oz	11 x 0.0001	21 x 0.0001
	lb	0.7 x 0.00001	1.3 x 0.00001
	oz t	10 x 0.0001	19 x 0.0001
	GN	4900 x 0.02	9500 x 0.02
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	Printers, density kit, rechargeable battery (has to be fitted prior to purchase), SDI remote display		

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



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Intelligent Weighing Technology, Inc.
www.intelligentwt.com