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ATL Milligram Specifications

Model	ATL423-I	ATL-153-I
Weighing capacity	420g	150g
Readability	0.001g	0.001g
Tare range (subtractive)	420g	150g
Repeatability (std. deviation)	$\leq \pm 0.001g$	$\leq \pm 0.001g$
Linearity	$\leq \pm 0.002g$	$\leq \pm 0.003g$
Corner Load	$\leq \pm 0.003g$	$\leq \pm 0.004g$
External calibration weight	200 (F1)	100 (F1)
Weighing Modes	UserDef., Grams, Kilograms, Carats, Pounds, Ounces, Troy ounces, Hong Kong Taels, Singapore Taels, Grains, Pennyweights, Milligrams, Parts per pound, Chinese taels, Mommies, Austrian carats, Tola, Baht, Mesghal, Tons, lb/oz, Newton	
Applications	Weighing, Unit toggle, Counting, Percent weighing, Net-total, Totalizing, Animal weighing, Calculation, Density determination	
Display Type	LCD, Amber Backlit	
Audio Tone	Yes	
Overload Protection	Yes	
Overload Indication	Displays "High"	
Underload indication	Displays "Low"	
Operating Humidity	Less than 95% RH	
Operating Temperature range	$+10^{\circ} \dots +30^{\circ} \text{ C}$ ($273 \dots 303 \text{ K}$, $50^{\circ} \dots 86^{\circ} \text{ F}$)	
Allowable Ambient Operating Temperature	41°F to 104°F (5°C to 40°C)	
Sensitivity drift within $+10^{\circ}$ to $+30^{\circ} \text{ C}$	$\leq \pm 2 \times 10^{-6} / \text{K}$	$\leq \pm 5 \times 10^{-6} / \text{K}$
Stabilization Time (typical)	1 second	1.3 seconds
Adaptation to ambient conditions	By selection of 1 of 4 optimized filter levels	
Display Update	Display update 0.1 - 0.4 (depends on filter level selected)	
Net weight, approx.	3.2kg 3.6kg	2.6kg 3.0kg
Weighing pan size/ Type	115mm / 4.53 in. Ø	
Weighing Chamber (Diameter /Height)	165mmØ/ 61.5mm Ø/ 2.42in.	6.5in. 165mmØ/ 61.5mm Ø/ 2.42in. 6.5in.
Dimensions (W x D x H)	230mm x 303mm x 136mm / 9.05in. x 11.93in. x 5.35in.	
Shipping Weight	12lbs	11lbs
AC Power Requirements	AC adapter, 115V or 230V, +15%....-20%	
Frequency	50 - 60Hz	
Power Consumption (avg.)	Maximum 16VA; typical 8 (STNG6)	
Optional Accessories	Data Printer, Remote display, External Battery pack, Data cable, Locking Device.	
Warranty	2 Year Manufacture Warranty	