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ATL Analytical Specifications

Model	ATL-224-I	ATL-124-I	ATL-84-I
Weighing capacity	220g	120g	80g
Readability	0.0001g	0.0001g	0.0001g
Tare range (subtractive)	220g	120g	80g
Repeatability (std. deviation)	≤ ± 0.0001g	≤ ± 0.0001g	≤ ± 0.0001g
Linearity	≤ ± 0.0002g	≤ ± 0.0002g	≤ ± 0.0002g
Corner Load	≤ ± 0.0004g	≤ ± 0.0004g	≤ ± 0.0004g
External calibration weight	200g (E2)	100g (E2)	50g (E2)
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°... +30° C (273....303 K, 50°...86° F)		
Allowable Ambient Operating Temperature	41°F to 104°F (5°C to 40°C)		
Sensitivity drift within +10° to +30° C	≤ ± 2 x 10 ⁻⁶ / K		
Stabilization Time (typical)	2.5 seconds		
Adaptation to ambient conditions	By selection of 1 of 4 optimized filter levels		
Display Update (depends on the filter setting selected)	Display update 0.1 - 0.4 (depends on filter level selected)		
Net weight, approx.	4.4kg 4.7kg		
Weighing pan size/ Type	90mm / 3.54 in. Ø		
Weighing Chamber	230mm / 9.05in.		
Dimensions (W x D x H)	230mm x 330mm x 330mm / 9.05in. x 12.99in. x 12.99in.		
Shipping Weight	12lbs	12lbs	12lbs
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, Density Kit, Remote display, External Battery pack, Data cable, Locking Device		
Warranty	2 Year Manufacture Warranty		