



sartorius group  
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### ATL 0.1g Specifications

Model	ATL-8201-I
Weighing capacity	8200g
Readability	0.1g
Tare range (subtractive)	8200g
Repeatability (std. deviation)	$\leq \pm 0.1g$
Linearity	$\leq \pm 0.3g$
Corner Load	$\leq \pm 0.3g$
External calibration weight	5000g (F2)
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	$+10^{\circ} \dots +30^{\circ} C$ ( $273 \dots 303 K$ , $50^{\circ} \dots 86^{\circ} F$ )
Allowable Ambient Operating Temperature	42°F to 104°F (5°C to 40°C)
Sensitivity drift within $+10^{\circ}$ to $+30^{\circ} C$	$\leq \pm 10 \times 10^{-6} / K$
Stabilization Time (typical)	1 second
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.	2.7kg   3.5kg
Weighing pan size/ Type	180mm x 180mm / 7.09in. x 7.09in.
Dimensions (W x D x H)	230mm x 303mm x 91mm / 9.05in. x 11.93in. x 3.58in.
Shipping Weight	11lbs
AC Power Requirements	AC adapter, 115V or 230V, $+15\% \dots -20\%$
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