



sartorius group

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ATL 0.01g Specifications

Model	ATL4202-I	ATL-2202-I	ATL822-I
Weighing capacity	4200g	2200g	820g
Readability	0.01g	0.01g	0.01g
Tare range (subtractive)	4200g	2200g	820g
Repeatability (std. deviation)	≤ ± 0.01g	≤ ± 0.01g	≤ ± 0.01g
Linearity	≤ ± 0.02g	≤ ± 0.02g	≤ ± 0.03g
Corner Load	≤ ± 0.04g	≤ ± 0.04g	≤ ± 0.03g
External calibration weight	2000 (E2)	2000 (F1)	500 (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°... +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	≤ ± 2 x 10 ⁻⁶ / K	≤ ± 5 x 10 ⁻⁶ / K
Stabilization Time (typical)	1.1 second	1.1 seconds	1.0 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.	3.1kg 3.5kg	3.1kg 3.5kg	2.0kg 2.6kg
Weighing pan size/ Type	180 x 180mm x 7.09in.	180 x 180mm 7.09 x 7.09in.	115mm Ø 4.53 in. Ø
Dimensions (W x D x H)	230x303x91mm 9.06x11.93x3.58in.	230x303x91mm 9.06x11.93x3.58in.	230x303x87mm 9.06x11.93x3.43in.
Shipping Weight	12lbs	12lbs	9lbs
AC Power Requirements	AC adapter, 115V or 230V, +15%...-20%		
Frequency	50 - 60Hz		
Power Consumption	Maximum 16VA; typical 8 (STNG6)		
Optional Accessories	Data Printer, Remote Display, External Battery Pack, Data Cable, Locking Device		
Warranty	2 Year Manufacture Warranty		