

Compensated Flow Range	1000 to 3000 ml/min, $\pm 5\%$ (5 to 500 ml/min requires low flow accessories; see <i>Low Flow Kit</i>) <i>Requires 1/4-inch ID tubing</i>
Flow Control	Patented (U.S. Patent No. 6,741,056) system holds constant flow to $\pm 5\%$ of the set-point
Compensation Range for a Minimum of 8-hour Operation	1000 ml/min at 30 inches water back pressure 2000 ml/min at 20 inches water back pressure 3000 ml/min at 10 inches water back pressure
Typical Back Pressure of Sampling Media (inches water)	
Flow Rate (L/min)	
Filter/Pore Size (μm)	
25-mm MCE/0.8	6 9 12 15 —
25-mm MCE/0.45	14 22 — — —
37-mm MCE/0.8	2 3 4 5 6
37-mm PVC/5.0	1 1 2 2 2.5
Compare the information in this table to pump compensation range to determine appropriate applications.	
Temperature Range	Operating: 32 to 104 F (0 to 40 C) Storage: -4 to 113 F (-20 to 45 C) <i>Protect sample pump from weather when in use outdoors.</i>
Compensated Temperature Range	41 to 122 F (5 to 50 C)
Operating Humidity	0 to 95% non-condensing
Power	Three standard AA alkaline batteries <i>Rechargeable AA-size 1.2-volt NiMH batteries may be used but will provide approximately half the run time stated for disposable batteries.</i>
LED Functions	Slow flash = normal run Fast flash = flow fault Double flash = low battery; approximately one-hour run time remaining Flash every eight seconds = pump shutdown due to exhausted batteries. <i>Indication of pump shutdown due to exhausted batteries will override all other indicators.</i> Four flashes every six seconds = pump shutdown due to flow fault
Run Time (new batteries)	8.5 hours at 1 L/min, 25 inches water back pressure 10 hours at 2.5 L/min, 15 inches water back pressure. <i>Dependent on batteries used. See tables below.</i>
Tubing	<i>Requires 1/4-inch ID tubing.</i>
Case	Plastic, RFI/EMI-shielded, CE marked
Dimensions	4.6 x 3 x 1.75 in (11.7 x 7.6 x 4.4 cm) includes inlet and belt clip
Weight (includes batteries)	12 oz (340 gm)
Caution:	Do not operate AirLite in hazardous or explosive locations. AirLite is designed for applications that do not require intrinsic safety.