

Air Monitoring Air Sampling Pumps



Q-MAX Air Sampling Pump

An electronic laminar flow sensor in this easy-to-operate, state-of-the-art sampling pump provides constant flow control, unaffected by changes in battery voltage, temperature, sample load, or altitude. An internal secondary standard calibrates the pump continuously, requiring only monthly calibration with a primary standard. A built-in counter monitors total operating time, and reminds you when a primary calibration is required. The pump also features a low battery function with an indicator light, and blocked flow detection. An LED read-out alternately displays flow rate and elapsed sampling time. Order charger separately.

DESCRIPTION	CAT. NO.	PRICE
Q-MAX Air Sampling Pump ¹	28160-U	



Q-MAX Twin Port Sampler

This pump attachment is designed for low flow industrial hygiene sampling, such as gas or vapor monitoring, using sorbent tubes. Two needle valves provide independent flow control for simultaneous collection on two tubes but, by closing the flow to one valve, a single tube can be used. The sampler is compatible with any personal sampling pump capable of a 1.5LPM flow rate at a load of 25 inches of water. Total flow cannot exceed 500mL/min. Each sampler comes with two tube protectors, one for small tubes (<2" long) and one for large tubes (<4 1/2" long), and tubing required to connect the sampler to the sampling pump.

DESCRIPTION	CAT. NO.	PRICE
Q-MAX Twin Port Sampler ¹	28118-U	

¹ CE approved.

² Replacement parts available.

³ Use to charge battery pack from automobile dashboard (most), or run with charged battery to extend operating time.

⁴ Approvals for PAS 500: ETL — Class I Groups A, B, C, D; Class II Groups E, F, G; Class III

Q-MAX Chargers

DESCRIPTION	CAT. NO.	PRICE
Omega Battery Charger, 12V ²	28155-U	
Single Unit Omega Charger, 110V ³	28157-U	
Single Unit Omega Charger, 220V ³	28158-U	
Five Unit Omega Charger, 110/220 Adapter ⁴	28159-U	



PAS-500 Micro Air Sampler

This low flow pump is lightweight (4 oz.) and compact (7" high), fitting easily into your shirt pocket. The adsorbent tube connects directly to the inlet of the pump.

The PAS-500 sampler⁴ is versatile. It adapts to fit both 6mm and 8mm diameter tubes. The flow range is 40-200cc/min. An optional low flow adapter enables you to sample at 20cc/min.

The unit is powered by a convenient, easily replaceable 9-volt battery. A full flow regulation feature provides constant voltage to the pump, even as the battery voltage drops. This sampler is intrinsically safe — a built-in resistor limits the power current, preventing any short circuit.

DESCRIPTION	CAT. NO.	PRICE
Includes 6mm tube holder, screwdriver, and two 9-volt batteries	24865	
Accessories		
Tube holder for 6mm sorbent tubes	24867	
Tube holder for 8mm sorbent tubes	24868	
Tube holder for detector tubes	24869	
Attachment clips, pk. of 2	24870-U	
Carrying case for single pump	24871	
Carrying case for 8 pumps	24872	

Order: 1.800.325.3010 Technical Service: 1.800.359.3041 Web: www.sigma-aldrich.com/supelco