

T100 Rotary Vane Sampling Pump

The lightweight, low-maintenance T100 Rotary Vane Sampling Pump is designed for sampling asbestos (25mm cassettes), lead (37mm cassettes) and mold (Air-O-Cell cassettes). It has a sampling range of 3-20L/min. Comes complete with adjustable aluminum tripod, 6' of vinyl tubing, inline filters, muffler jars, feet, handle and built-in switch. Weight: 9.7 lbs. Meets OSHA and AHERA standards.



Item No	Description	Unit
9803	T100 Sampling Pump w/ Stand	Each
9803-88	T100 Sampling Pump w/o Stand	Each

T100M Rotary Vane Sampling Pump

This upgraded version of the T100 Sampling Pump (rotary vane) incorporates all the features of the T100 with the addition of a built-in adjustable 5-50L/min. flow meter. The sampler is specifically designed to be used for not only asbestos, lead and Air-O-Cell cassettes (like the T100), but also works with Impactors (adjustable flow range 3-30L/min.). It comes with an adjustable aluminum tripod, 6' of vinyl tubing, inline filters, muffler jar, feet, handle and built-in switch. Weight: 9.9 lbs. Meets OSHA and AHERA standards.



Item No	Description	Unit
9803-M	T100M Sampler, Flow Meter w/ Stand	Each
9803-88M	T100M Sampler, Flow Meter w/o Stand	Each

A100 Rotary Vane Sampling Pump

The low-maintenance A100 Rotary Vane Sampling Pump is designed for sampling asbestos (25mm cassettes), lead (37mm cassettes) and mold (Air-O-Cell cassettes). It has a sampling range of 3-20L/min. Comes with an aluminum tripod, 5' of vinyl tubing, inline filters, muffler jars, feet, handle and a power cord with switch. Weight: 11 lbs. Meets OSHA and AHERA standards.



Item No	Description	Unit
9804	A100 Sampler w/ Stand	Each
9804-88	A100 Sampler w/o Stand	Each

DC Sampling Pump

This unique DC-powered, totally self-contained programmable unit is designed specifically to run Air-O-Cell (mold) cassettes. Flow range is 5-20L, but it is programmed for 15L/min. operation for use with Air-O-Cell cassettes. Preprogrammed buttons offer convenient sampling times of 1, 2, 5 or 10 minutes. An end-of-sample audio/visual alarm indicates completion of the sample. There is easy keypad calibration with the supplied calibration flow meter, as well as a charger included in the kit. The DC-powered pump provides five hours of continuous operation. It is small, lightweight, compact and includes an adjustable tripod with a special adapter to hold the DC pump at the breathing air zone. Weight: 1.2 lbs.



Item No	Description	Unit
9801-51	Dual Sampling Pump w/ Stand	Each
9801-50	DC Sampler w/o Stand	Each



Sampling Pump Carry Bag

This high-quality nylon bag is designed to contain up to two sampling pumps with stands, cassettes, impactors, and assorted paraphernalia for on-the-job air sampling. Bag is padded to protect delicate sampling equipment.

Item No	Description	Unit
9801-B	Sampling Pump Carry Bag	Each

AIR SAMPLING

D-2 Moldlite Sampler

The D-2 Moldlite Sampler is a lightweight, low-maintenance, high-efficiency linear oscillating pump designed to sample air for mold, using all types of mold cassettes, as well as impactors. It has a sampling range of 3-33L/min. Having only two moving parts, the D-2 is extremely reliable, providing 35,000 hours of continuous use (nearly four years). It requires no lubrication, and runs very quietly. Comes with a 5-30L/min. fully adjustable flow meter, tripod, 6' of vinyl tubing, and has a built-in handle and switch for added convenience.



Item No	Description	Unit
9800	D-2 Sampler w/ Stand	Each
9800-88	D-2 Sampler w/o Stand	Each

Flow Meter

Allegro's Flow Meter is designed to be separate from the air sampling pump. This allows the user to use the same Flow Meter to set the flow for more than one pump. It features an expanded scale and includes the necessary adapters for use with particulate cassettes.



Item No	Description	Unit
9804-03	Flow Meter, 0-20L/min.	Each
9804-03I	Flow Meter, 3-30L/min.	Each
9801-03	DC Sampler Flow Meter	Each

Wall Sampling Adapter

The Wall Sampling Adapter requires only a small 3/8" hole to take a sample from behind a wall. Place the tubing attachment into the wall and the connection is made directly to an Air-O-Cell cassette. Completely disposable, so there is no need to clean the adapter for further use, eliminating all worry about cross contamination.



Item No	Description	Unit
9803-01	Wall Sampling Adapter Starter Kit	Each

Allegro Impactor

The Allegro Impactor is a single-stage bioaerosol variable particle sampler for collecting viable mold and fungi samples. Air is drawn through 400 multiple-velocity, precision-drilled holes. Multiple jets of air then direct any airborne particles toward the surface of the agar collection medium, held in a standard dish in the base of the unit. The upper unit is held to the base by three spring clamps and sealed with O-ring gaskets. Made of precision-tooled Aircraft-grade inert aluminum. Includes a brass barb to easily accommodate a sampling tube. Applications include Indoor Air Quality (IAQ) studies, filter and cleanroom efficiency studies, brewery fermentation and grain processing, hospital environments, food production and processing areas, pharmaceutical plants and bio-risk response. Designed to work with the Allegro T100M (9803M), Dual Sampler Pump (9801), or Venturi Sampling Pump (9802), which are all capable of the required 28.3L/min. Meets NIOSH Methods 0800 and 0801 specifications.



Item No	Description	Unit
9804-15	Impactor	Each



Sampling Cassettes

PCM Cassette has an 0.8µm pore size for asbestos sampling. Meets applicable quality standards.

TEM Cassette is a 0.45µm (+/- 5.0µm) cassette designed for asbestos final clearance testing. Meets applicable standards.

M2 Multi-Mold Cassette is a two-sided sampling cassette for easier and more efficient use. Each cassette can be used to collect two different samples, two identical samples concurrently, or one sample while using the other side as a control.

Item No	Description	Unit
9804-16	25mm PCM Cassette, 50/Pk	50/Box
9804-17	25mm TEM Cassette, 50/Pk	50/Box
9804-20	M2 Multi-Mold Cassette, 25/Box	25/Box



for your information

Don't see what you're looking for? Do you have questions? Please call us at 800.465.3898 or check out our website www.safetyexpress.com.



Sirius® Multigas Detector with PID Sensor

The highly reliable, easy-to-use Sirius Multigas Detector integrates a high-performance PID (Photoionization Detector) with a four-gas detector, enabling it to measure for combustible, toxic and oxygen-deficient atmospheres while simultaneously monitoring for VOCs (volatile organic compounds). PID performance is excellent and includes humidity resistance, stable zero readings, and fast response and clear times. **Deluxe** and **Industrial** kits include a 10' line, 1' probe, boot and cordura jacket (Deluxe also includes a calibration kit, black case and standard lamp cap).



10051141

Item No	Description	Unit
10051141	Deluxe LEL 4-Gas Lithium Ion PID	Each
10051146	Industrial LEL 4-Gas Lithium Ion PID	Each
10051154	Economy LEL 4-Gas Lithium Ion PID	Each



The Orion® Multigas Detector

An economical, portable gas monitor that detects and measures the presence of O₂, H₂S, CO and combustibles. Features include a large easy-to-read display and simple two-button operation with one-button calibration. All four gases are displayed simultaneously, along with measured readings. Even with the optional internal sampling pump and battery charger included, the Orion MD is still priced much less than comparable instruments. **Deluxe** and **Industrial** models include NiMH battery and charger, internal pump, 10' sample line with 1' probe, orange cordura case and protective boot (Deluxe also includes a calibration kit and black economy case).



Item No	Description	Unit
Deluxe Kits		
10025932	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each
10025935	3-Gas Monitor, H ₂ S (LEL, O ₂ , H ₂ S)	Each
10025938	3-Gas Monitor, CO (LEL, O ₂ , CO)	Each
Industrial Kits		
10025931	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each
10025934	3-Gas Monitor, H ₂ S (LEL, O ₂ , H ₂ S)	Each
10025937	3-Gas Monitor, CO (LEL, O ₂ , CO)	Each
Economy Kits		
10025930	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each
10025933	3-Gas Monitor, H ₂ S (LEL, O ₂ , H ₂ S)	Each
10025936	3-Gas Monitor, CO (LEL, O ₂ , CO)	Each



Orion® Plus IR Detector

With the addition of an infrared CO₂ sensor, the Orion four-gas detector becomes the Orion Plus five-gas detector, capable of detecting and measuring O₂, CO, H₂S, combustible gases, and CO₂. The large, easy-to-read graphical display has a bright backlight and shows readings for all five gases simultaneously. A piercing audible alarm and bright flashing LEDs warn the user of dangerous levels. Simple one-handed operation.

Industrial Kit features include autocalibration, an internal, continuously running pump, 12" sampling probe, 10' sampling line, datalogging, nylon belt clip and black rubber boot. **Deluxe Kit** adds 34L calibration gas and regulator, and black PVC case. Orion Plus runs on either a rechargeable NiMH battery pack or on alkaline batteries. The rugged, ergonomically designed housing is RFI and corrosive-gas resistant, with an IP 54 rating. Approvals: UL intrinsically safe for Class I, Division 1, Groups A, B, C and D; CSA intrinsically safe for Class I, Division 1, Groups A, B, C and D with certification to CAN/C22.2.



Item No	Description	Unit
Orion Plus Deluxe Kits		
10059117	5-Gas Monitor (CO ₂ , LEL, O ₂ , CO, H ₂ S)	Each
10059118	4-Gas Monitor (CO ₂ , LEL, O ₂ , H ₂ S)	Each
10059119	4-Gas Monitor (CO ₂ , LEL, O ₂ , CO)	Each
10059120	3-Gas Monitor (CO ₂ , LEL, O ₂)	Each
Orion Plus Industrial Kits		
10059141	5-Gas Monitor (CO ₂ , LEL, O ₂ , CO, H ₂ S)	Each
10059142	4-Gas Monitor (CO ₂ , LEL, O ₂ , H ₂ S)	Each
10059143	4-Gas Monitor (CO ₂ , LEL, O ₂ , CO)	Each
10059144	3-Gas Monitor (CO ₂ , LEL, O ₂)	Each



Orion® FX Multigas Detector

Reliable, yet low-priced, the Orion FX Multigas Detector is an easy-to-use portable instrument that detects, measures, and provides readouts for up to four gases simultaneously: O₂, H₂S, CO and combustible gases. It shares all of the features of the best-selling Orion Multigas Detector, but adds an improved LEL sensor that provides faster response and release times for aromatic hydrocarbons like toluene, xylene and others, making the Orion FX an ideal choice for the chemical and petrochemical industries. Deluxe Kit includes a calibration kit and black economy case.



Item No	Description	Unit
Deluxe Kits		
10056447	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S), Datalog	Each
10056441	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each
10056442	3-Gas Monitor, H ₂ S (LEL, O ₂ , H ₂ S)	Each
10056443	3-Gas Monitor, CO (LEL, O ₂ , CO)	Each
Industrial Kits		
10056444	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each
10056448	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S) without Jacket	Each
10056445	3-Gas Monitor, H ₂ S (LEL, O ₂ , H ₂ S)	Each
10056446	3-Gas Monitor, CO (LEL, O ₂ , CO)	Each

GAS DETECTORS



Solaris® Multigas Detector

Delivers state-of-the-art engineering in a reliable and easy-to-use portable instrument that detects the presence of O₂, H₂S, CO and combustible gas. Though small and lightweight, it still offers a full range of sophisticated features, including industrial hygiene functions (STEL and TWA), user modification of most instrument functions, one-button auto calibration, and password protection. The triple alarm system includes high-intensity LED alarms, a shrill 100 dB+ audible alarm, and a strong vibrating alarm. The large display is backlit for easy reading in low-light conditions and shows all gas concentrations simultaneously.

Item No	Description	Unit
Standard Kits (Includes Datalogging Option)		
10058054	4-Gas (LEL, O ₂ , CO, H ₂ S)	Each
10058056	3-Gas (LEL, O ₂ , CO)	Each
10058058	3-Gas (LEL, O ₂ , H ₂ S)	Each
Confined Space Kits		
10058060	4-Gas (LEL, O ₂ , CO, H ₂ S)	Each

Basic Kit includes the instrument, battery charger, calibration cap, tubing and instruction manual.



Altair® 4 Multigas Monitor with MotionAlert™

Offers a combination of features not usually found on competitive models. It detects, measures and simultaneously displays gas levels for LEL, CO, H₂S and O₂ on its large, high-contrast LCD display, and it warns the user of hazardous levels with loud 95+ dB audible alarm, ultra-bright alarm LED's on both top and bottom, and a vibrating alarm. But the Altair 4 also offers a MotionAlert™ feature that, when enabled, signals "man down" if the instrument does not detect motion for 30 seconds, which may mean that the user has become disabled due to an unforeseen hazard, an indispensable feature for confined space entry. The unit's InstantAlert™ feature allows the user to manually sound the alarm to alert others of a hazardous situation.



Item No	Description	Unit
10089094	4-Gas Monitor (LEL, O ₂ , CO, H ₂ S)	Each



Pulsar®+ Single-Gas Monitor

The reliable, easy-to-use Pulsar+ Single-Gas Monitor delivers high performance from a small, compact unit. It can be configured to detect and measure CO, H₂S or O₂. STEL, TWA and peak gas concentration levels are displayed on the large backlit numeric display. Large rubber buttons are easy to operate, even while wearing gloves. Easily replaceable, stainless steel MSA Button™ sensors have a solid electrolyte construction (liquid-free).



Altair Single-Gas Monitor

Disposable, maintenance-free gas monitor offers high performance at detecting and monitoring O₂, CO or H₂S, yet is extremely cost-effective. Use it for over two years, then just throw it away. Triple alarms (two bright LEDs, piercing audible alarm and standard vibrating alarm) alert user when dangerous levels of gas are detected. Each instrument comes with two factory-set alarm points which can be adjusted by the user. All alarm events are automatically recorded for assessment later.

Item No	Description	Unit
Gas Detected, Alarm Points		
10070791	Altair, O ₂ , 19.5% and 23.0%	Each
10070750	Altair, CO, 25 ppm and 100 ppm	Each
10070749	Altair, H ₂ S, 10 ppm and 15 ppm	Each



Item No	Description	Unit
Without Vibrating Alarm		
10036171	Pulsar+ CO	Each
10036170	Pulsar+ O ₂	Each
10036172	Pulsar+ H ₂ S	Each
With Vibrating Alarm		
10036174	Pulsar+ CO	Each
10036173	Pulsar+ O ₂	Each
10036175	Pulsar+ H ₂ S	Each