



# Orion™ Multigas Detector

[ Reliable, easy-to-use and durable ]



**You've always trusted the MSA name for the ultimate in quality, performance and support. Now, MSA introduces the best combination of features and low price available on the market. Once again, MSA delivers!**

The Orion Multigas Detector is a low-cost, reliable and easy-to-use portable instrument for detecting the presence of O<sub>2</sub>, H<sub>2</sub>S, CO and combustible gas. It will stand up to the roughest handling in even the toughest environments. A charger and optional built-in sampling pump are included in the price.

Best of all, it's designed and built by MSA. The Orion Multigas Detector is perfect for the following uses:

Hazards	Markets
Combustible Atmosphere	Agriculture
Confined Space	Chemicals
Oxygen Deficiency	Fire Service
Hydrogen Sulfide	Utilities
Carbon Monoxide	Telecommunications
	Hazardous Materials
	Oil and Gas
	Construction
	Various Industrial Applications

Take a look at the following features to see why the Orion Multigas Detector provides the most value in the industry:

### One-button Calibration

Calibration is intuitive. It's accomplished with the push of a single button. This autocalibration feature greatly simplifies calibration and reduces training needs. Adjustments are limited to 30 percent of the expected span value, which helps to prevent improper calibration.

### Tough, Durable Construction

The Orion Multigas Detector has excellent resistance to penetration from water and dust, allowing it to perform in the harshest environments. The unit has a weather resistance rating of IP54 and has successfully passed a six-foot drop test.

### Large, Easy-To-Read Display

With one of the largest displays of any four-gas portable detector on the market, the Orion Multigas Detector is easy to read. Its backlighting provides exceptional contrasts, making it easy to read in low-light conditions and from a variety of angles. All four gases are displayed at one time, along with measured readings. Alarm lights are also easily visible from all angles.

### Long-Life Battery

The Orion Multigas Detector accommodates either a NiMH battery pack or alkaline batteries. The NiMH battery pack provides up to 16 hours of continuous instrument operation in pumped mode and up to 20 hours in the non-pump mode. And, a full battery charge using MSA's Fast Charger takes less than four hours. With alkaline batteries, the unit will operate a minimum of eight hours in pump mode.

### Built-In Pump

The low price of the Orion Multigas Detector includes the option to have a built-in pump for remote sampling of the environment.

### Durable Sensors

The combustible gas sensor in the Orion Multigas Detector is the MSA Series 20L sensor. The 20L sensor provides up to 50 times the silicone poison tolerance, which considerably expands the service life of the sensor.

All the sensors used in the Orion Multigas Detector are easy to maintain. Simply remove three screws, remove the sensor cover and lift out the sensors.

### Carbon-Filled-Nylon Case

A durable, carbon-filled-nylon case makes the Orion Multigas Detector an excellent choice for use in the toughest of conditions, as well as for use in corrosive environments.

### TIM® System Compatibility

Order the data-logging option available for the Orion Multigas Detector to make the unit fully compatible with MSA's TIM Total Instrument Manager System. As the industry's leading computerized calibration system, the TIM System allows users to automatically calibrate their instruments and track calibration records.

### Link™ Software

The Orion Multigas Detector is compatible with the MSA FiveStar Link software. It is the same software that has made MSA's FiveStar Alarm the leader in its class of safety instruments. Display functions and manipulation of data are simplified. The graphing capability can be used to view all gases simultaneously or to focus on one at a time. Software provides a "zoom" feature, making it possible to expand any portion of a single gas graph to focus on activity in more detail.

**This combination of features and low price make the Orion Multigas Detector the undisputed leader in the industry.**

**Orion Multigas Detector Kits**

		LEL	O <sub>2</sub>	CO	H <sub>2</sub> S	NIMH Battery + Charger	Alkaline Battery	Calibration Cap	Internal Pump	10 ft. Line	1 ft. Probe	Orange Cordora Case	Calibration Kit	Black Economy Case	Boot	List Price
Deluxe 4-gas	10025932	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$2,090
Deluxe 3-gas H <sub>2</sub> S	10025935	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,920
Deluxe 3-gas CO	10025938	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,920
Industrial 4-gas	10025931	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,550
Industrial 3-gas H <sub>2</sub> S	10025934	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,380
Industrial 3-gas CO	10025937	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,380
Economy 4-gas	10025930	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,195
Economy 3-gas H <sub>2</sub> S	10025933	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,025
Economy 3-gas CO	10025936	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$1,025

For customized assemble-to-order ORION Multigas Detector configurations or replacement parts, please request bulletin # 0816-28-MC.

Prices are suggested U.S. list prices only and may not apply in international markets.

Prices subject to change without prior notification.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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