

Passport® VOC 2000 Organic Vapor & Oxygen Monitor

MSA

The Passport VOC 2000 Organic Vapor and Oxygen Monitor is a convenient, portable instrument for detecting low concentrations of volatile organic compounds (VOCs) such as jet fuels, methyl ethyl ketone (MEK), benzene, toluene, and also oxygen levels. The Passport VOC 2000 Monitor's compact design supports a variety of monitoring applications such as confined space entry and routine leak detection.

The basic theory of operation of the Passport VOC 2000 Monitor is photoionization, allowing very low-level leak detection. The integration of an electrochemical oxygen sensor extends its usefulness to many confined space applications.

Features

- Operating range from 0–10,000 parts per million (ppm) VOC and 0–100% O₂
- Humidity insensitivity
- Unique auto-ranging capability
- Can download data to a computer
- 70 pre-programmed, plus 9 user-defined response factors
- Push-button operation
- Graphic and numeric data display
- Simple Fresh Air Setup
- Labeling feature identifies sampling locations
- Factory programmed for direct reading of jet fuels



Competitive Advantages

- 0 to 10,000 ppm VOC range without the need for a dilution tube or internal adjustment. Most competitive units only go to 1000 or 2000 ppm standard.
- Lamp can be accessed in less than 5 seconds to facilitate cleaning and replacement.
- Less than 5 seconds to change the battery pack.
- Humidity insensitivity provides increased accuracy.
- 1 year warranty on 10.6 eV lamp and O₂ sensor.
- Autoranging digital display provides numeric and bar graph display of VOC concentration.
- Comprehensive computer downloading package
- The addition of an integrated O₂ sensor permits many more applications than traditional PIDs.

**Protect yourself and your team
with the best in the industry.**

**Passport® VOC 2000 Organic
Vapor & Oxygen Monitor**

Specifications

Size:	8.125" x 3.125" x 3.75"
Weight:	With battery, 2.7 lbs
Detector:	Photoionization for organic vapors, electrochemical cell for O ₂
Operating Concentration Range:	0 to 10,000 ppm isobutylene, 0 to 100% O ₂
Operating Temperature:	0 to 40°C (32 to 105°F)
Operating Humidity Range:	0 to 95% relative humidity (non-condensing)
Response Time with Probe:	6 seconds or less to 90% of final reading @ 25°C
Operating Time:	8 hours at 25°C using type A NiCad battery pack
Keypad:	Three tactile-membrane switches
Display:	Two-line, 16-character dot matrix, liquid crystal for alphanumeric and analog concentration display
Datalogging Memory:	5.5 hours at 10-second storage interval, 24 hours at 1-minute storage interval
Serial Output:	RS 232 cable
Sample Inlet Connection:	1/8-inch threaded fitting
Sample Flow Rate:	350 cc/minute average, with probe attached
Sample Outlet Connection:	1/8-inch threaded fitting
Battery Type:	Rechargeable NiCad Type A standard, heavy duty Type B optional, C alkaline optional
Omega Battery Charger:	50/60 Hz 110 VAC standard, 50/60 Hz 220 VAC optional, 8-24 VDC for vehicle use optional

Approvals

Approvals

MET approved for use in Class I, Division 1, Groups A, B, C, and D; Class II, Division 2, Groups E, F, and G; and Class III, Divisions 1 and 2 hazardous locations.



Ordering Information

The Passport VOC 2000 Monitor is available through MSA's ATO ordering system, which allows you to customize your order. However, for your convenience, listed below are two of the most popular ordering configurations by part number.

Part No. 10010864 - Includes Passport VOC 2000, NiCad battery pack, 110v charger, 10 ft. coiled teflon sampling line, 1-foot probe, stainless steel belt clip, standard packaging.

Part No. 10010865 - Includes Passport VOC 2000, NiCad battery pack, 110v charger, 8 inch probe, pistol grip, standard packaging.

Hundreds of other ordering combinations are available. See ATO Ordering Form No. 0816-20-MC. Available accessories include Data Log Software, battery packs and chargers, sampling and calibration equipment, remote alarms, carrying attachments, protective boots, and packaging options.

Proudly Distributed By:

Optional Equipment and Replacement Parts

Part No.	Description
496990	Battery pack, Standard NiCad C-cell
800527	Battery pack, Heavy-duty NiCad D-cell
800526	Battery pack, Alkaline
494716	Charger, 110v; 50/60 Hz
495965	Charger, 220v; 50/60 Hz
801759	Charger, 5-Unit, 110/220v; 50/60 Hz
815251	Lamp, 10.6 eV
655531	Lamp, 11.7 eV
813410	Sample probe, 8-inch
800332	Sample probe, 1-foot
800333	Sample probe, 3-foot
811187	Sampling line, 10-foot coiled Teflon
710403	Pistol grip
710288	Demand regulator for calibration gas
494450	Calibration gas: 100 ppm isobutylene
815704	Squirt gas: 100 ppm isobutylene
81696	Bladder for squirt gas
655630	RS 232 Communication Cable
710911	Oxygen sensor
804955	Protective boot, black
802806	Protective boot, orange

MSA Be Sure.
Choose MSA.

Offices and representatives in principal cities worldwide.
In U.S. call the Customer Service Center toll-free at 1-800-MSA-2222.
To reach MSA International, call (412) 967-3354 or fax (412) 967-3451.
www.MSAnet.com

Corporate Headquarters: P.O. Box 426, Pittsburgh, PA 15230 USA.

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.