

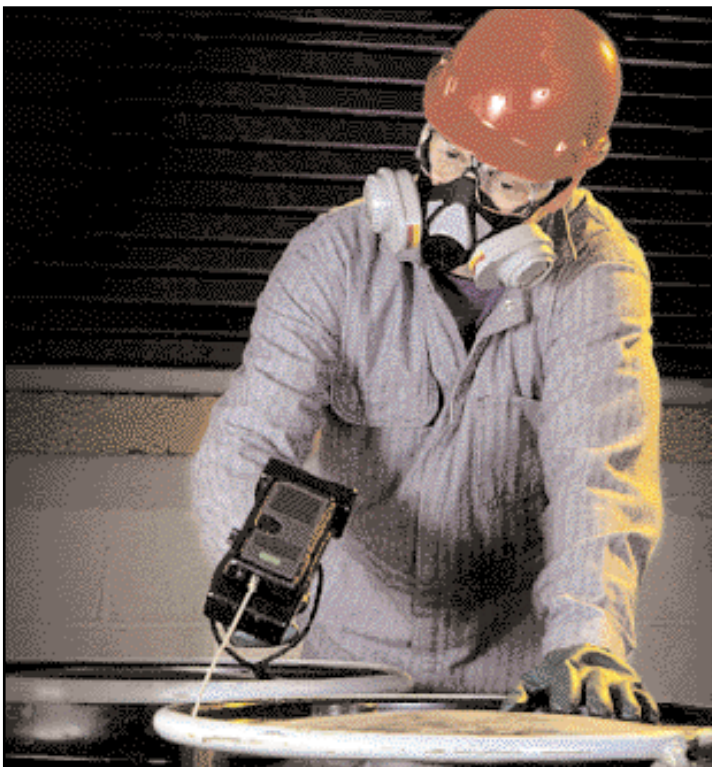
# Passport® PID II Organic Vapor Monitor

The Passport PID II Organic Vapor Monitor is a convenient, portable instrument for detecting low concentrations of volatile organic compounds (VOCs). The Passport PID II Monitor's compact design supports a variety of monitoring applications.

Used for industrial hygiene applications and at hazardous materials spills, the Passport PID II Monitor can also be used for emissions monitoring and general leak detection. The Passport PID II Monitor is ideal for Method 21 analysis since it can directly measure up to 10,000 ppm VOCs and can also be used at arson scenes for accelerant investigation.

## Features

- Operating range from 0-10,000 parts per million (ppm)
- Humidity insensitivity
- Unique auto-ranging capability
- Personal and survey monitor
- 69 pre-programmed, plus 10 user-defined response factors
- Three push buttons for simplified operation
- Graphic and numeric data display
- Peak, short-term exposure (STEL) and time-weighted-average (TWA) measurements
- Simple Fresh Air Setup
- Labeling feature identifies sampling locations



## Competitive Advantages

- 0 to 10,000 ppm dynamic 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.
- Autoranging digital display provides numeric and bar graph display of VOC concentration.

Protect yourself and your team  
with the best in the industry:

Passport® PID II  
Organic Vapor Monitor

## Specifications

<b>Size:</b>	With battery, 8.5 inches long, 3.25 inches wide, 2.5 inches high
<b>Weight:</b>	With battery, 2.5 lb
<b>Detector:</b>	Photoionization
<b>Operating Concentration Range:</b>	0 to 10,000 ppm isobutylene
<b>Operating Temperature:</b>	0 to 40°C (32 to 105°F)
<b>Operating Humidity Range:</b>	0 to 95% relative humidity (non-condensing)
<b>Response Time:</b>	6 seconds to 100 ppm
<b>Operating Time:</b>	8 hours at 25°C using Type A NiCad battery pack
<b>Keypad:</b>	Three tactile-membrane switches
<b>Display:</b>	Two-line, 16-character dot matrix, liquid crystal for alphanumeric and analog concentration display
<b>Datalogging Memory:</b>	5.5 hours at 10-second storage interval, 24 hours at 1-minute storage interval
<b>Serial Output:</b>	With optional Data Docking Module
<b>Sample Inlet Connection:</b>	1/8-inch threaded fitting
<b>Sample Flow Rate:</b>	350 cc/minute average, with probe attached
<b>Sample Outlet Connection:</b>	1/8-inch threaded fitting
<b>Battery Type:</b>	Rechargeable NiCad Type A standard, heavy duty Type B optional, C alkaline optional
<b>Omega Battery Charger:</b>	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 PID II 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. 711401** - Includes Passport PID II, NiCad battery pack, 110 V charger, 10 ft. coiled teflon sampling line, 1-foot probe, PVC case.

**Part No. 711402** - Includes Passport PID II, alkaline battery pack, pistol grip, 8-inch probe, PVC case.

Hundreds of other ordering combinations are available. See ATO Ordering Form No. 0816-04. Available accessories include Data Docking Module, battery packs and chargers, sampling and calibration equipment, remote alarms, and pistol grip.

For more product information, see Data Sheet No. 08-01-39

For a features and benefits sheet on the Passport PID II, call MSA QuickLit<sup>SM</sup> automated product information service at 1-800-672-9010 and request document No. 2269.

### Optional Equipment and Replacement Parts

<i>Part No.</i>	<i>Description</i>
496990	Battery pack, Standard NiCad C-cell
800527	Battery pack, Heavy-duty NiCad D-cell
800526	Battery pack, Alkaline
494716	Charger, 110 V; 50/60 Hz
495965	Charger, 220 V; 50/60 Hz
801759	Charger, 5-Unit, 110/220 V; 50/60 Hz
815251	Lamp, 10.6 eV
655531	Lamp, 11.7 eV
800332	Sample probe, 1-foot
800333	Sample probe, 3-foot
811187	Sampling line, 10-foot coiled Teflon
710403	Pistol grip
710283	Demand regulator
494450	Calibration gas: 100 ppm isobutylene
815704	Squirt gas: 100 ppm isobutylene
804679	Data Docking Module



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](http://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.