



## 3M™ Multi-Gas Detector 740 Series with Data Logging Software

Welcome and thank you for choosing the 3M™ Multi-Gas Detector 740 and Data Logging Software.

During this short review, we will be discussing use and maintenance of your detector. The goal of this review is to show you how to calibrate, clean, use and read the data from your detector. Data Logging Software will also be referred to with a brief discussion of certain applications.

Additional detailed information can be found in your User Instructions packaged with the product or by calling the 3M Technical Service Hotline at 1-800-243-4630.

3M™ Multi-Gas Detector 740 Series with Data Logging Software



-Introduction

740 Series

3M™ Multi-Gas Detector 740 Series with Data Logging Software



-Setup, Use & Limitations

740 Series

Double click picture to start video

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- ◆ This document has been encoded for a Windows operating system
- ◆ This version of the interactive document requires at minimum an internet connection with (256Kbs) minimum connection speed and Acrobat Reader 6.0 or higher for proper operation
- ◆ If there is no video, reaffirm that you are running Acrobat Reader 6.0 (minimum requirement)
- ◆ If video problems persist, try closing other applications that may be consuming the required memory
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**NEXT** ▶



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3M™ Multi-Gas Detector 740 Series with Data Logging Software

-Viewing/Changing Settings



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-Alarms & Warnings



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-Battery Maintenance



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3M™ Multi-Gas Detector 740 Series with Data Logging Software

-Data Logging



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3M™ Multi-Gas Detector 740 Series with Data Logging Software

-Sensor Maintenance



740 Series

A handheld multi-gas detector with a green screen and three sensors on top. The device is black and green with the 3M logo and '740' printed on it.



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-Bump Test



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A handheld multi-gas detector with a green screen and three sensors on top. The device is black and green with the 3M logo and '740' printed on it.



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-Calibration



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A handheld multi-gas detector with a green screen and three sensors on top. The device is black and green with the 3M logo and '740' printed on it.



## 3M™ Multi-Gas Detector 740 Series with Datalogging Software

<b>Part No.</b>	<b>Part</b>	<b>Replace when:</b>
002-100-200	Test Hood Captive Screw	Damaged or missing
325-299-102	Sensor Pack Zebra Strip	Damaged or missing
457-221-005	Battery Charger	Damaged
457-221-005	Universal Power Adapter	Damaged
457-594-000	Vehicle Wiring Kit, cigarette addapter only	Damaged
478-000-003	Sensor Pack Filter	Damaged, dirty or becomes clogged
511-010-200A	Tygon® Tubing, 2 ft	Damaged
511-010-200B	Tygon® Tubing, 16 ft, non-reactive gases	Damaged
512-020-220	Detector Vehicle Mount Clamp	Damaged
512-020-230	Detector Pump Tubing Velcro Strap Holder	Damaged or does not work
512-020-240	Detector Personal Carry Clip	Damaged
526-000-653	Test Hood	Damaged
526-000-656	Housing Gasket	Damaged or will not seat
586-001-000	Fixed Flow Gas Regulator, Model 713	Damaged
586-001-000	Fixed Flow Gas Regulator, Model 715	Damaged
671-034-000	Infrared PC Adapter (serial)	Damaged
671-034-002	Infrared PC Adapter (USB)	Damaged
672-020-000	Soft Zipper Carrying Case	Damaged
672-990-100	Deluxe Carrying Case for Calibration Kit	Damaged
921-020-201	Lithium Ion Battery	Detector indicates a low battery condition or according to an established change schedule
921-030-000	AAA Alkaline Batteries (set of 3)	Detector indicates a low battery condition or according to an established change schedule

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929-000-653	Test Hood Assembly Kit	Damaged
931-100-100	1-Gas Sensor Pack (Methane) with EX	Sensor expires or is not functioning
931-100-200	2-Gas Sensor Pack (Methane) with OX, EX	Sensor expires or is not functioning
931-100-300	3-Gas Sensor Pack (Methane) with CO, OX, EX	Sensor expires or is not functioning
931-100-350	3-Gas Sensor Pack (Methane) with HS, OX, EX	Sensor expires or is not functioning
931-100-400	4-Gas Sensor Pack (Methane) with HS, OX, CO, EX	Sensor expires or is not functioning
936-000-004	Vehicle 12V Wiring Kit	Damaged
936-020-004	Data Manager CD	Damaged

Tygon ® is a registered trade mark of Saint Gobain Performance Plastics

Please consult the user instructions for replacement calibration gases



## WARNING

This instrument helps monitor for the presence and concentration level of certain specified airborne gases. Misuse may produce an inaccurate reading which means that higher levels of the gas being monitored may be present and could result in overexposure and **cause sickness or death**. For instruments with an oxygen sensor installed, misuse may produce an inaccurate reading where lower or higher levels of oxygen may be present and **cause sickness or death**.

Each person using this equipment must read and understand the information in the *User Instructions* before use. Use of this equipment by untrained or unqualified persons, or use that is not in accordance with the *User Instructions*, may adversely affect product performance and **result in sickness or death**.

For proper use, see your supervisor or *User Instructions*, or call 3M in U.S.A., 1-800-243-4630. In Canada, call Technical Service at 1-800-267-44 14.

### For more information, please contact:

#### **3M Occupational Health and Environmental Safety Division (OH&ESD)**

#### **In the U.S., contact:**

##### **Sales Assistance**

1-800-896-4223

##### **Technical Assistance**

1-800-243-4630

##### **Fax On Demand**

1-800-646-1655

##### **Internet**

<http://www.3M.com/occsafety>

#### **For other 3M products**

1-800-3M HELPS

#### **In Canada, contact:**

3M Canada Company, OH&ESD

P.O. Box 5757 London, Ontario N6A 4T1

##### **Sales Assistance**

1-800-265-1840, ext. 6137

##### **Technical Assistance (Canada only)**

1-800-267-4414

##### **Fax On Demand**

1-800-646-1655

##### **Internet**

<http://www.3M.com/CA/occSafety>

##### **Technical Assistance In Mexico**

1-800-712-0646 5270-2255, 5270-2119 (Mexico City only)

##### **Technical Assistance In Brazil**

0800-132333

##### **Fax On Demand O.U.S. Locations**

1-651-732-6530

3M Occupational Health and Environmental Safety Division  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

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