

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

The sensor pack should be replaced when it expires or is not functioning. To remove it:

- a) Undo the four screws on the rear of the unit and remove the back cover plate.
- b) Remove the Li-ion or alkaline batteries.
- c) Undo the two screws that retain the sensor pack.
- d) Pull the sensor from the unit.
- e) Make sure that the “Zebra Strip” is in position.
- f) **The Rubber Gasket (526-000-656)** should be inspected during sensor replacement. Ensure it is seated properly between the front and back cover. Replace the gasket if it is damaged.
- g) **The Sensor filter (478-000-003)** should be replaced when it is damaged, dirty or becomes clogged. To change the Smart Sensor Filters:
 - a. Use the blade of a small screwdriver to carefully lift up the corner of the filter from the plastic surface.
 - b. Remove the filter and any residual adhesive.
 - c. Peel the backing paper off a new filter.
 - d. Place the filter adhesive side down onto the plastic surface.
- h) Place the replacement sensor pack into the unit.
- i) Replace the screws.
- j) Replace the battery and back cover plate.

Cleaning the detector:

The 740 Series Detector external surfaces should be cleaned with a damp cloth and mild detergent or soap. Avoid the use of harsh cleaning materials, abrasives and other organic solvents. These materials may permanently scratch and damage the display window, labels or instrument housing.