



Gas Detection Products Overview

Introduction

Matheson offers an extensive line of quality gas detection products specifically designed to assure your working environment is a safe place. We have been handling gases safely for more than seventy-five years. This experience translates directly to you through new product ideas and innovations.

Nearly two hundred gases can now be detected or monitored with Matheson gas detection instrumentation. Whether your application calls for **Air Samplers**, **Leak Detectors**, or **Personal Monitors**, Matheson has a product that will fit your needs.

Air Samplers

- **Kitagawa Detector Tube System**

A cost effective solution to air analysis. Measures concentrations of hundreds of hazardous gases and vapors, on-the-spot. See pages 390-393.

- **Qualitative Analysis and HazMat Kit**

Identifies unknown gases and vapors quickly and on-the-spot. See page 394.

- **Indoor Air Quality Test Kit**

An air analysis kit for conducting IAQ investigations. See page 396.

- **Compressed Breathing Air Analysis Kit**

Ensures your breathing air quality meets regulatory specifications. See page 395.

Leak Detectors

- **LeakHunter Plus™**

Thermal conductivity based detector pinpoints and measures leaks for many non-toxic gases. Portable and benchtop application in one product. See pages 406-407.

- **Toxic Gas Leak Detector**

Plug-and-Play electrochemical sensor based detector can detect 23 different toxic gases. See pages 404-405.

- **VOC Leak Detector**

Ideal for EPA Method 21 fugitive emission monitoring of volatile organic compound (VOC) leaks from process equipment. See pages 408-411.

- **Liquid Solution Leak Detector**

Detect-A-Leak™ is a foaming surfactant based solution for non-critical applications. See page 412.



Matheson-Kitagawa Toxic Gas Detector System

Personal Monitors

- **MEGA-Channel Gas Detector**

This unique microprocessor based monitor detects over a hundred gases and vapors in a single portable compact instrument. See pages 400-401.

- **Personal Monitors**

Choose from more than 140 available sensors to customize your own monitor. See pages 398-399.

- **General Purpose Gas Detector**

Personal monitor and leak detector detects a variety of different gases and vapors without the need for multiple detectors. See pages 402-403.

Safety Seminar

Matheson is genuinely concerned with your ability to handle gases safely. To assist you, we conduct informative safety seminars at our customer's facilities, free of charge. To request a presentation at your facility, simply contact Matheson to arrange a visit from the Sales Engineer in your area.