



# MFE Inspection Solutions

Environmental  
Equipment Catalog

Providing 30 years of equipment rentals, sales, repairs, calibrations & training



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## Valued Customers



# Who is MFE Inspection Solutions?

**Welcome to MFE.** Our story isn't just a list of products and services, it's about a team driven to innovate in non-destructive testing (NDT), remote visual inspection (RVI), environmental monitoring (ENV), and the use of unmanned robotic systems. We're the combination of MFE Enterprises, MFE Inspection Solutions, and NDT Electronics—a blend that's pushing the industry forward.

## Starting Point: MFE Enterprises

*(Founded in 1994)*

It all started with MFE Enterprises. Founded by Bill Duke and his family, we hit the ground running with Magnetic Flux Leakage (MFL) technology for inspecting storage tanks and pipelines. With tools like the 65 lb Mark IV Tank Floor Scanner and the 61 lb MFE Edge, we've made inspections faster, more accurate, and cost-effective. This foundation of innovation and quality set the pace for everything that followed.

## Expansion: MFE Inspection Solutions

*(Founded in 2009)*

Building on MFE Enterprises' legacy, we launched MFE Inspection Solutions in 2009. Starting in a modest office in Texas, our ambition was global. MFE's focus has been on delivering the best tools and technology, supported by dependable customer service. With 14 offices in five countries, we ensure we're always where our customers need us.

## Broadening Our Scope: NDT Electronics

*(Founded in 1981, Joined in 2016)*

The acquisition of NDT Electronics in 2016 expanded our capabilities. Founded in 1981 by William Ganch, Jr., NDT Electronics brought decades of expertise in calibration and repair services, as well as a catalog of NDT equipment and supplies. This addition has allowed us to offer a broader range of services and maintain our commitment to quality and value.

## Forward Together

Today, MFE stands as a unified force in the inspection industry, dedicated to innovation, excellence, and serving our customers. Our combined experience and expertise mean we offer a comprehensive range of products and services designed to meet your needs.

We're committed to your success and pride ourselves on offering solutions that enhance your projects with precision and safety. If you have questions or need support, our team is ready to help.

Thank you for choosing MFE. We're excited to continue this journey with you, providing the reliable, professional service you expect and deserve.

**MFE** INSPECTION  
SOLUTIONS

**MFE** MIDDLE  
EAST

**MFE** MÉXICO

**MFE** INSPECTION  
SOLUTIONS

CANADA

**Bettair**

# Air Quality Mapping

## Overview:

The Bettair Air Quality Mapping system is an advanced solution designed to monitor and analyze air quality in urban environments. Utilizing a network of high-precision sensors, Bettair provides real-time data on various pollutants, helping municipalities and organizations to manage air quality and make informed decisions. This system is ideal for environmental monitoring, public health, and urban planning.

## Features

**High-Precision Sensors:** Equipped with advanced sensors to measure a wide range of pollutants, including NO<sub>2</sub>, CO, O<sub>3</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub>.

**Real-Time Data:** Provides immediate feedback on air quality, enabling timely interventions and policy decisions.

**Scalable Network:** Supports a large number of sensors for comprehensive coverage of urban areas.

**User-Friendly Interface:** Features an intuitive platform for data visualization, analysis, and reporting.

**Durable Design:** Built to withstand various environmental conditions, ensuring reliable performance year-round.

**Data Integration:** Compatible with other smart city systems and platforms for seamless data integration.

**Actionable Insights:** Delivers actionable insights to help improve air quality and public health.

**Exclusively Available in Canada:** This product is exclusively available for purchase and use within Canada. Distribution or sale outside Canadian territory, including the United States, is strictly prohibited.



**FOR SALE**

## VelociCalc 9515

# Air Velocity Meter

### Overview:

The TSI Incorporated VelociCalc 9515 is a reliable and easy-to-use air velocity meter designed for accurate measurement of air flow in various industrial and HVAC applications. This portable device provides quick and precise readings, making it essential for professionals in industries such as building maintenance, facility management, and environmental health and safety. The VelociCalc 9515 offers robust performance and user-friendly features for effective air flow measurement and monitoring.

### Features

**Accurate Air Velocity Measurement:** Provides precise measurements of air velocity, ensuring reliable data for ventilation assessments and system diagnostics.

**Wide Measurement Range:** Capable of measuring air velocities from 0 to 4,000 ft/min (0 to 20 m/s), catering to a variety of applications.

**User-Friendly Interface:** Features a large, easy-to-read display and simple controls, making it accessible for users with varying levels of experience.

**Portable and Lightweight:** Designed for easy transport and handling, allowing for convenient use in the field.

**Durable Construction:** Built to withstand the demands of industrial environments, ensuring long-lasting performance.

**Versatile Applications:** Suitable for use in HVAC system testing, industrial hygiene assessments, and other air flow monitoring tasks.

**Battery Operated:** Powered by batteries for extended operation, providing flexibility and convenience in various settings.



**FOR RENT**

Casella

# CEL-633 A1 Kit

## Overview:

The Casella CEL-633 A1 Kit is a comprehensive sound level meter designed for accurate noise measurement and analysis in various industrial and environmental applications. This advanced kit includes everything needed for precise sound monitoring, making it essential for professionals in industries such as construction, manufacturing, and environmental health and safety. The CEL-633 A1 offers robust performance, ease of use, and detailed data collection for effective noise management.

## Features

**High-Precision Sound Measurement:** Delivers accurate measurements of sound levels, ensuring reliable data for noise assessments and compliance.

**Wide Measurement Range:** Capable of measuring a broad range of sound levels, making it suitable for diverse applications.

**User-Friendly Interface:** Features a large, easy-to-read display and intuitive controls, making it accessible for users with varying levels of experience.

**Real-Time Data Monitoring:** Provides instant feedback on noise levels, allowing for prompt response and effective noise management.

**Data Logging and Reporting:** Capable of storing extensive data for post-mission analysis and reporting, supporting compliance and safety management efforts.

**Durable Construction:** Built to withstand harsh industrial environments, ensuring long-lasting performance.

**Comprehensive Kit:** Includes all necessary accessories for noise measurement, including a microphone, preamplifier, and calibration device.

**Portable and Lightweight:** Designed for easy transport and handling, allowing for convenient use in the field.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, ensuring extended operation and reducing downtime.

**Advanced Software Compatibility:** Compatible with Casella's analysis software for detailed data processing and reporting.



FOR RENT

# Industrial Scientific

## ISC MX6

### Overview:

The Industrial Scientific ISC MX6 is a sophisticated multi-gas detector designed for industrial safety and hazardous environment monitoring. This robust device is capable of detecting a wide range of gases, providing accurate and reliable data to ensure the safety of personnel and compliance with regulatory standards. Ideal for industries such as oil and gas, chemical manufacturing, and emergency response, the ISC MX6 offers advanced features and ease of use for effective gas detection and monitoring.

### Features

**Multi-Gas Detection:** Capable of detecting multiple gases simultaneously, including oxygen, combustible gases, and a variety of toxic gases.

**High Sensitivity:** Ensures precise and accurate measurements, even at low gas concentrations, providing reliable data for safety assessments.

**Durable Construction:** Built to withstand harsh industrial environments, with a rugged design that resists impacts, dust, and moisture.

**User-Friendly Interface:** Features an intuitive, easy-to-read display and straightforward controls, making it accessible for users with varying levels of experience.

**Real-Time Data Monitoring:** Provides instant feedback on gas levels, allowing for prompt response to potential hazards and improving safety.

**Advanced Sensor Technology:** Utilizes state-of-the-art sensors for accurate detection and long-term reliability.

**Data Logging and Reporting:** Capable of storing large amounts of data for post-mission analysis and reporting, aiding in compliance and maintenance planning.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, ensuring extended operation and reducing downtime.

**Alarm System:** Includes audible, visual, and vibrating alarms to alert users immediately when gas levels exceed safe thresholds.

**Versatile Applications:** Suitable for a wide range of industries and environments, providing flexibility and comprehensive monitoring capabilities.



**FOR RENT**

## Leica BLK ARC

# Laser Scanner

### Overview:

The Leica BLK ARC is an advanced autonomous laser scanner designed to provide high-precision 3D data capture for a variety of industrial and surveying applications. This innovative device combines the latest in laser scanning technology with autonomous navigation capabilities, making it essential for professionals in industries such as construction, civil engineering, and geospatial surveying. The Leica BLK ARC offers robust performance, ease of use, and detailed 3D scanning for efficient and accurate data collection.

### Features

**High-Precision 3D Scanning:** Delivers accurate and detailed 3D scans with a range of up to 250 meters, ensuring reliable data for complex projects.

**Autonomous Navigation:** Features autonomous navigation and data capture, reducing the need for manual operation and increasing efficiency.

**User-Friendly Interface:** Equipped with an intuitive interface and easy-to-use controls, making it accessible for users with varying levels of experience.

**Fast Data Capture:** Capable of capturing high-resolution scans quickly, enabling efficient data collection and minimizing field time.

**Versatile Applications:** Suitable for a wide range of applications, including construction site documentation, infrastructure inspection, and industrial surveys.

**Rugged and Durable:** Built to withstand tough conditions with a robust design that resists impacts, dust, and moisture, ensuring long-lasting performance.

**Integrated Imaging:** Includes an integrated imaging system that captures color photographs alongside 3D scans, providing comprehensive visual documentation.

**Seamless Integration:** Compatible with a variety of software platforms for data management, processing, and analysis, facilitating smooth workflows.



**FOR SALE**



## Rae Systems

# MiniRae 3000 PID

### Overview:

The RAE Systems MiniRAE 3000 PID is an advanced portable photoionization detector (PID) designed for volatile organic compound (VOC) detection. This high-performance device provides fast and accurate measurements, making it essential for industrial hygiene, environmental monitoring, and hazardous material response. Ideal for use in industries such as oil and gas, chemical manufacturing, and emergency services, the MiniRAE 3000 offers reliable and user-friendly operation for effective VOC detection and monitoring.

### Features

**High Sensitivity PID:** Detects a wide range of VOCs with a detection range of 0.1 to 15,000 ppm, providing precise and reliable measurements.

**Fast Response Time:** Delivers rapid readings, enabling quick decision-making and effective hazard assessment.

**Durable Design:** Built to withstand harsh environments with a rugged, weather-resistant construction that ensures long-lasting performance.

**Large Display:** Features a large, easy-to-read screen that displays real-time data clearly, even in low-light conditions.

**User-Friendly Interface:** Simple and intuitive controls make the device easy to operate, even for users with minimal training.

**Data Logging and Reporting:** Capable of storing extensive data for later analysis and reporting, supporting compliance and safety management efforts.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, providing extended operation and reducing downtime.

**Intrinsically Safe:** Certified for use in hazardous environments, ensuring safe operation in potentially explosive atmospheres.

**Flexible Sensor Options:** Offers interchangeable sensors to accommodate different detection requirements and enhance versatility.

**Alarm System:** Includes audible, visual, and vibrating alarms to alert users immediately when VOC levels exceed safe thresholds.



**FOR SALE & RENT**

## Rae Systems

# MultiRAE Lite

### Overview:

The Rae Systems MiniRAE 3000 PID is an advanced portable photoionization detector (PID) designed for volatile organic compound (VOC) detection. This high-performance device provides fast and accurate measurements, making it essential for industrial hygiene, environmental monitoring, and hazardous material response. Ideal for use in industries such as oil and gas, chemical manufacturing, and emergency services, the MiniRAE 3000 offers reliable and user-friendly operation for effective VOC detection and monitoring.

### Features

**High Sensitivity PID:** Detects a wide range of VOCs with a detection range of 0.1 to 15,000 ppm, providing precise and reliable measurements.

**Fast Response Time:** Delivers rapid readings, enabling quick decision-making and effective hazard assessment.

**Durable Design:** Built to withstand harsh environments with a rugged, weather-resistant construction that ensures long-lasting performance.

**Large Display:** Features a large, easy-to-read screen that displays real-time data clearly, even in low-light conditions.

**User-Friendly Interface:** Simple and intuitive controls make the device easy to operate, even for users with minimal training.

**Data Logging and Reporting:** Capable of storing extensive data for later analysis and reporting, supporting compliance and safety management efforts.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, providing extended operation and reducing downtime.

**Intrinsically Safe:** Certified for use in hazardous environments, ensuring safe operation in potentially explosive atmospheres.

**Flexible Sensor Options:** Offers interchangeable sensors to accommodate different detection requirements and enhance versatility.

**Alarm System:** Includes audible, visual, and vibrating alarms to alert users immediately when VOC levels exceed safe thresholds.



**FOR SALE & RENT**

## Rae Systems

# ppbRae 3000

### Overview:

The RAE Systems MiniRAE 3000 PID is an advanced portable photoionization detector (PID) designed for volatile organic compound (VOC) detection. This high-performance device provides fast and accurate measurements, making it essential for industrial hygiene, environmental monitoring, and hazardous material response. Ideal for use in industries such as oil and gas, chemical manufacturing, and emergency services, the MiniRAE 3000 offers reliable and user-friendly operation for effective VOC detection and monitoring.

### Features

**High Sensitivity PID:** Detects a wide range of VOCs with a detection range of 0.1 to 15,000 ppm, providing precise and reliable measurements.

**Fast Response Time:** Delivers rapid readings, enabling quick decision-making and effective hazard assessment.

**Durable Design:** Built to withstand harsh environments with a rugged, weather-resistant construction that ensures long-lasting performance.

**Large Display:** Features a large, easy-to-read screen that displays real-time data clearly, even in low-light conditions.

**User-Friendly Interface:** Simple and intuitive controls make the device easy to operate, even for users with minimal training.

**Data Logging and Reporting:** Capable of storing extensive data for later analysis and reporting, supporting compliance and safety management efforts.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, providing extended operation and reducing downtime.

**Intrinsically Safe:** Certified for use in hazardous environments, ensuring safe operation in potentially explosive atmospheres.

**Flexible Sensor Options:** Offers interchangeable sensors to accommodate different detection requirements and enhance versatility.

**Alarm System:** Includes audible, visual, and vibrating alarms to alert users immediately when VOC levels exceed safe thresholds.



**FOR SALE & RENT**

# Rae Systems

## QRAE-3

### Overview:

The RAE Systems QRAE 3 is a robust and reliable four-gas monitor designed for comprehensive gas detection in various industrial and environmental applications. This portable device can detect multiple gases simultaneously, making it essential for ensuring safety in industries such as oil and gas, chemical manufacturing, and emergency response. The QRAE 3 offers accurate measurements, user-friendly operation, and durable construction for effective gas monitoring and hazard management.

### Features

**Multi-Gas Detection:** Capable of detecting four gases simultaneously, including oxygen, combustible gases, and a variety of toxic gases.

**High Sensitivity:** Ensures precise and accurate measurements, even at low gas concentrations, providing reliable data for safety assessments.

**Durable Construction:** Built to withstand harsh industrial environments with a rugged design that resists impacts, dust, and moisture.

**User-Friendly Interface:** Features an intuitive, easy-to-read display and straightforward controls, making it accessible for users with varying levels of experience.

**Real-Time Data Monitoring:** Provides instant feedback on gas levels, allowing for prompt response to potential hazards and improving safety.

**Data Logging and Reporting:** Capable of storing extensive data for post-mission analysis and reporting, aiding in compliance and maintenance planning.

**Rechargeable Battery:** Equipped with a long-lasting rechargeable battery, ensuring extended operation and reducing downtime.

**Alarm System:** Includes audible, visual, and vibrating alarms to alert users immediately when gas levels exceed safe thresholds.

**Intrinsically Safe:** Certified for use in hazardous environments, ensuring safe operation in potentially explosive atmospheres.

**Wireless Connectivity:** Offers optional wireless connectivity for real-time data transmission and remote monitoring, enhancing situational awareness.



**FOR RENT**

# Trimble X7

## Overview:

The Trimble X7 is a high-performance 3D laser scanner designed for precise and efficient data capture in various industrial and surveying applications. This advanced scanner offers exceptional accuracy and ease of use, making it essential for professionals in industries such as construction, civil engineering, and geospatial surveying. The Trimble X7 combines robust performance with user-friendly features to deliver reliable and detailed 3D scanning and data analysis.

## Features

**High Precision 3D Scanning:** Provides accurate and detailed 3D scans with a range of up to 80 meters, ensuring reliable data for complex projects.

**Automatic Calibration:** Features automatic calibration to ensure consistent accuracy and eliminate the need for manual adjustments, saving time and effort.

**User-Friendly Interface:** Equipped with a large, intuitive touchscreen display and easy-to-navigate software, making it accessible for users with varying levels of experience.

**Fast Data Capture:** Capable of capturing high-resolution scans quickly, enabling efficient data collection and reducing field time.

**Self-Leveling:** Incorporates self-leveling technology to ensure precise measurements, even on uneven surfaces, enhancing accuracy and reliability.

**Versatile Applications:** Suitable for a wide range of applications, including construction site documentation, as-built surveys, and industrial inspections.

**Rugged and Durable:** Built to withstand harsh conditions with a robust design that resists impacts, dust, and moisture, ensuring long-lasting performance.

**Integrated Camera:** Includes an integrated camera for capturing color images alongside 3D scans, providing comprehensive visual documentation.



FOR RENT

## MFE Office Locations

### MFE USA

#### MFE Inspection Solutions - HQ

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(678) 398-7910

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Baton Rouge, LA 70809

(225) 456-5285

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12552 West Harvey Drive  
New Lenox, IL 60451

(815) 717-8274

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5040 Commercial Circle, Suite B  
Concord CA 94520

(707) 360-4665

#### Corpus Christi, TX

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