



# MFE

## Inspection Solutions

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Remove Visual Inspection  
Equipment Catalog

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



**MFE**

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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.

# Insight Vision VuTek Series

## Overview

The Insight Vision VuTek is an advanced and easy to use push camera system. The professional push camera system was designed for Contractors and Plumbers and more to work smarter, get the job done faster, and provide a higher resolution display screen for viewing pipes. The brand you can trust for your daily operations to fulfill your client's obligations. The VuTEK advanced sewer camera inspection systems are used for inspecting many of today's industries, environments and applications.

## Features

- Lightweight design, detachable from reel, wheels for portability
- Polyethylene material for mold of the command module
- Versatile and expandable design for all lateral pipeline inspection
- Vertical frame, quick and easy inspection on-the-go performance
- Easy "one person" transport on vertical frame
- Digital on-screen distance counter
- Position control button, reset control button
- High resolution, color display
- 8.4" Lcd monitor display screen 1.3" dia
- Self-leveling
- Inspect into (2"-12" pipes)
- High intensity LED light
- Camera test port troubleshooting
- On-demand, digital video recording on a USB memory stick
- (Optional) Built-in HDD for 30 hours of recording
- Advanced Text-Writer offers complete documentation of all your jobs
- Video/Audio RCA Out for external recording
- Options for 200 & 400 feet



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# Pipe Master 200 & 400

## Overview

The MFE-IS PipeMaster 200' & 400' is a versatile push camera system designed for efficient pipe inspection. It features a robust 1.3-inch color camera head with a self-leveling function and a high-resolution display for clear visuals. This system is suitable for inspecting pipes with diameters ranging from 2 inches to 12 inches, providing detailed video recording capabilities for thorough analysis.

## Features

- **10.4" LCD Color Monitor:** High-resolution display for clear and detailed inspections.
- **Quick Connect:** Easy access to video connector, USB input, and power entry points.
- **One-Touch "On-Demand" Recording:** Remote control recording with up to 20 feet range, saving to an 8GB USB.
- **High-Resolution Self-Leveling Camera:** Ensures clear images and easy navigation within pipes.
- **Flexi-Guard Spring:** Allows navigation through up to three 90-degree bends.
- **Premium Push Rod:** Spiral wound technology for durability and longer inspection runs.
- **New Frame Design:** Lightweight, durable frame optimized for tight spaces.
- **Off-Road Wheels:** 10-inch diameter wheels for easy transport over rugged terrains.



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# Opticam Sewer Inspection Camera System

## Description

The Opticam Sewer Inspection Camera System from Insight Vision is a rugged, plug-and-play push camera designed for inspecting pipes with diameters ranging from 1 to 12 inches. This system is ideal for quickly locating and identifying obstructions, blockages, or leakages, making it suitable for both pipeline cleanliness inspections and preventative maintenance.

## Features

- **10.4" LCD Screen:** Provides clear, high-resolution visuals.
- **Camera Options:** 1.3" self-leveling color camera head or 0.85" mini straight camera.
- **Premium Push Rod Cable:** Available in 0.475" or 0.36" with Flexi-Guard spring for durability and flexibility.
- **Built-In 512Hz Sonde:** For precise locating.
- **Distance Counter RealTime:** Displays real-time footage distance.
- **One-Touch Recording to USB:** Easy recording with included USB stick.
- **Wi-Fi Streaming:** Allows remote viewing via mobile app.
- **Built-In Speaker and Microphone:** Facilitates communication and recording.



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## RVI Inspection Equipment

# Pearpoint P374 IS

### Overview

The Pearpoint P374 IS pushrod camera inspection system is an intrinsically safe system that is compact and portable, weighing only 46 lbs. It also has the ability to run off a 12V DC external power supply.

Ideal for vessels or pipelines, this all-in-one system features a built-in keyboard and has an accurate footage counter display on the 4.6" high resolution LCD screen. The video feed can be connected to an external recorder or monitor. The Pearpoint P374 IS pushrod camera system is a choice tool for both the chemical and petrochemical industries, as well as landfill and natural gas applications.

### Features

- **Intrinsically Safe Certification:** Certified to EEx ia IIC T6 for Zone 0 hazardous environments.
- **Flexible Rod:** 200 feet (61 meters) of semi-rigid pushrod cable.
- **High-Resolution Display:** 6.4-inch color LCD screen with retractable sun visor.
- **Integrated Keyboard:** Built-in QWERTY keyboard for easy data entry.
- **Durable Construction:** Camera head constructed from high-grade stainless steel and waterproof to IP68 (11 Bar).
- **Video Connectivity:** Composite video in/out connectors for external recording and playback.
- **Built-In Footage Counter:** Displays accurate distance measurements in real-time.
- **Low Light Performance:** CMOS camera with white LEDs for enhanced performance and reliability in low light conditions.
- **Portability:** Lightweight at 46 lbs and equipped with IP55 rated surface equipment for rugged use.



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## RVI Inspection Equipment

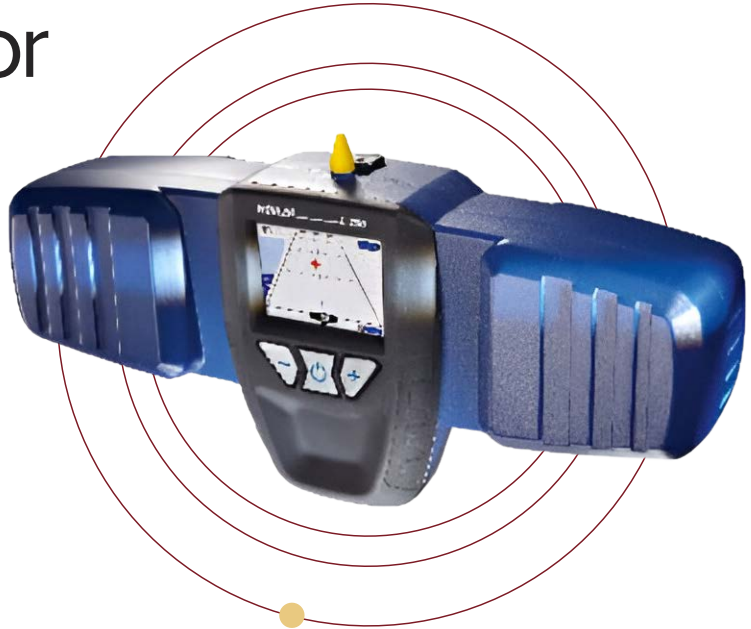
# Wohler L200 Locator

### Overview

The Wohler L200 Locator is a sophisticated tool designed to locate the Wohler VIS Video Inspection Camera heads (models VIS 200, 250, 300, 350, 400, and 700) wirelessly within pipelines. This device makes it possible to quickly pinpoint the location of damaged or soiled sections of pipes by receiving radio signals transmitted by the camera head.

### Features

- **Intrinsically Safe Design:** Suitable for use in hazardous environments.
- **Wireless Operation:** Locates camera heads transmitting at an 8.9 Hz frequency.
- **High-Resolution Display:** Features a bright, easy-to-read color display for clear guidance.
- **Telescopic Pole:** Allows the locator to be positioned close to the signal source for accurate detection.
- **User-Friendly Interface:** Guides users through the locating process with visual and audio cues.
- **Built-In Chalk Holder:** Facilitates marking the location of identified issues directly on-site.
- **Penetrates Various Materials:** Capable of detecting signals through concrete and asphalt, with a depth capability of up to 10 feet.



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## RVI Inspection Equipment

# Wohler VIS 700

### Overview

The Wohler VIS 700 is a high-definition video inspection camera system designed for precise and efficient inspection of waste water pipes, flue gas systems, ventilation lines, and more. It is particularly suitable for non-destructive testing (NDT) and plumbing applications, providing professionals with advanced imaging capabilities and control.

The Wohler VIS 700 stands out with its razor-sharp high-definition images and precise focus function, which can be adjusted using a touch screen or joystick. This system is equipped with a 1.5-inch detachable waterproof pan-and-tilt camera head, making it highly versatile and durable in various inspection environments.

### Features

- **High-Resolution Display:** 7-inch HD TFT touchscreen for clear and detailed visuals.
- **Pan and Tilt Camera Head:** 1.5-inch color camera head with 360° pan and 180° tilt capabilities.
- **Adjustable Focus:** Motor-driven focus adjustable via touch screen or joystick for precise inspection.
- **Wireless Connectivity:** Transmits live video data to smart devices via Wireless LAN, allowing for remote viewing and storage.
- **Video and Photo Function:** Capability to record and store images and videos on an SD card.
- **Integrated Transmitter:** Facilitates the precise location of the camera head during inspections.
- **Real-Time Positioning:** Displays the camera head's position and angle on the monitor.
- **Home Function:** Realigns the camera head to a straight-forward position for easy navigation.
- **Bright LED Illumination:** Enhances visibility in dark or complex environments.
- **Waterproof Design:** Ensures durability and performance in wet conditions (IP67 rating).
- **Portable and Easy to Clean:** Housed in a rugged, twin-wall hard case for easy transport and maintenance.



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## RVI Inspection Equipment

# MFE-IS TankMaster PTZ275

### Overview

When inspecting dark, wet tanks, vessels, and pipes with limited access, the TankMaster PTZ550 and PTZ275 from MFE Enterprises are ideal solutions. These next-generation robotic cameras combine variable zoom video with multi-mode illumination in a compact pan/tilt package. Specifically designed for tank, pipe, and vessel inspections, the PTZ550 and PTZ275 can travel up to 250 feet on a flexible tether, pass through openings narrower than 3 inches, and submerge to depths of 100 feet. The sophisticated operator interface ensures the PTZ550 and PTZ275 are simple and intuitive to use. The system comes in a fully operational case with Wi-Fi capability, cable storage, waterproof outlets, a tablet with video and photo capabilities, and additional features.

### Features

- Wi-Fi capable to Android or iOS
- Waterproof polyurethane cable in lengths up to 250 ft, tolerates abrasion, caustic chemicals, & tight bends
- Sealed connector mates with a simple twist
- 360° camera pan grants a full circumferential view of vessel internals with four selectable pan speeds for moving inspection at varying zoom settings
- Anodized aluminum construction tolerates most chemicals, with O-ring seals rated for 100 ft submersion
- 40:1 variable zoom for full monitor screen with small, distant objects
- 1/4" IT CCD (380,000 pixels) yields high TV resolution of 470 lines for exceptionally crisp video
- ±100° camera tilt grants full view of vessel lid, walls, and base
- Spot and flood lamps (2 each) illuminate targets up to 8 ft away, or 40 ft in interline transfer mode



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## RVI Inspection Equipment

# MFE-IS TankMaster PTZ550

### Overview

For inspecting dark, wet tanks, vessels, and pipes with limited access, consider the TankMaster PTZ550 from MFE Enterprises. This advanced robotic camera features variable zoom video and multi-mode illumination in a highly compact pan/tilt unit. Specifically engineered for challenging inspection environments, the PTZ550 can traverse up to 250 feet on a flexible tether, fit through openings smaller than 3 inches, and submerge to depths of 100 feet. The user-friendly interface ensures straightforward operation. The system is housed in a fully operational case, complete with Wi-Fi capability, cable storage, waterproof outlets, and a tablet equipped for video and photo documentation, among other functionalities.

### Features

- Enhanced image stabilization reduces camera shake in turbulent environments
- Advanced autofocus for faster and more accurate focusing
- Improved battery life for longer operational time
- Ruggedized design for enhanced durability in extreme conditions
- Superior software integration for better data management and reporting capabilities
- 360° camera pan provides a full circumferential view of vessel internals with selectable pan speeds for detailed inspections
- 40:1 variable zoom allows for detailed inspection of small, distant objects
- 1/4" IT CCD (380,000 pixels) delivers high-resolution video of 470 lines for exceptionally clear imagery
- Includes all standard features of the PTZ275 for comprehensive and reliable inspections



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## RVI Inspection Equipment

# Sensor Networks PTZ

### Overview

The Sensor Networks PTZx is a robust and reliable pan, tilt, zoom camera system designed for visual inspections in harsh and difficult-to-access environments. Its submersible design and advanced features make it ideal for detailed inspections in various industrial settings.

### Features

- **360° Continuous Rotation:** Variable-speed rotation for comprehensive inspection coverage.
- **270° Tilt:** Variable-speed tilt for flexible viewing angles.
- **High-Resolution Camera:** Offers sensitivity control for clear visuals.
- **36x Optical Zoom:** Provides detailed close-ups of inspection areas.
- **Auto/Manual Focus:** Ensures sharp images under varying conditions.
- **Adjustable Light Intensity:** Enhances visibility in low-light environments.
- **Corrosion-Resistant Construction:** Made from nickel-plated aluminum and stainless steel.
- **Submersible to 100 feet:** Ideal for underwater inspections.
- **Integrated and Auxiliary LED Lights:** Provides 4000 lumens for optimal illumination.



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## RVI Inspection Equipment

# MFE Intelligent Series Dellonscope

### Overview

The MFE Intelligent Series Dellonscope is a versatile borescope designed for high-resolution visual inspections in industrial applications. Featuring advanced imaging technology, intelligent software, and durable construction, it provides precise and efficient inspection capabilities.

### Features

- **HD Tilt System:** Equipped with a 1080p camera and motorized tilting for a 320° range of motion.
- **Variable LED Lighting:** Adjustable lighting for up to 25 feet of visibility in dark environments.
- **Interchangeable Probes:** Compatible with 6mm front, side, and dual-view lenses.
- **360° Articulation:** Joystick-controlled for precise positioning.
- **Intelligent Software:** Includes image rotation, white balance, exposure control, zoom, and comparative measurement technologies.
- **Portable Design:** Lightweight and robust, with water and oil resistance.
- **Long Battery Life:** Provides up to 8 hours of continuous operation.
- **User-Friendly Interface:** Features a 5.1-inch HD screen, with a smaller 3.5-inch display option.
- **Durable Construction:** Made with high-strength materials for extended use in harsh environments.



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## RVI Inspection Equipment

# GE XL GO+

### Overview

The GE XL GO+ 4-Way Articulation is a high-performance inspection device designed for industrial applications. It features advanced imaging capabilities and versatile articulation to access hard-to-reach areas, providing detailed visual data for accurate assessments. This device is ideal for industries requiring precise and efficient inspections.

### Features

- **4-Way Articulation:** Enhanced maneuverability in complex environments.
- **High-Resolution Imaging:** Clear and detailed visuals for accurate defect identification.
- **Portable Design:** Lightweight and compact for easy transport and use.
- **Durable Construction:** Built to withstand harsh industrial conditions.
- **Intuitive Interface:** User-friendly controls for efficient operation.
- **Remote Control:** Safe and precise manipulation from a distance.



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## RVI Inspection Equipment

# Olympus IPLEX FX

### Overview

The Olympus IPLEX FX is a high-end industrial videoscope designed for robust and precise inspections across various industries. Its compact and lightweight design, coupled with advanced functionality, makes it ideal for use in harsh production environments. The system is built to withstand the rigors of industrial inspections, featuring a durable shock-resistant case and a wear-resistant insertion tube.

### Features

- Magnesium-Alloy Chassis for impact resistance
- Shock-resistant case with rubber bumpers
- Abrasion-resistant insertion tube
- Compact and lightweight design
- Internally mounted lithium-ion battery with over two hours runtime
- Temperature resistance up to 100°C (210°F)
- Complies with MIL-STD 810F/G standards for vibration, rain, humidity, and salt fog tests
- High-resolution LCD monitor
- Stereo measurement technology for three-dimensional defect measurements
- Flexible articulation with Tough TaperFlex coil
- One-handed scope control and easy-to-use interface
- Still image and movie recording to internal memory, removable compact flash cards, or USB flash drives
- Attachments for foreign object retrieval



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## RVI Inspection Equipment

# Olympus IPLEX LT

### Overview

The Olympus IPLEX LT is a compact and lightweight industrial videoscope designed for precise and efficient inspections in various environments. It combines portability with advanced features, making it suitable for users of all experience levels.

### Features

- **Compact and Lightweight:** Easy to transport and set up, even with a 10-meter-long scope.
- **Large 6.5-inch Monitor:** Provides clear visibility in all lighting conditions.
- **Ergonomic Handset:** Designed for comfortable operation with TrueFeel™ articulation control.
- **Intuitive Icon-Based Menus:** Simplifies navigation and operation.
- **Rugged Durability:** IP55 compliance ensures reliability in harsh environments, including resistance to rain, sand, dust, and physical shocks.
- **Weather-Resistant Housing:** Allows use in various weather conditions.
- **Low-Reflection Display:** Clear viewing even in bright sunlight.
- **Crush-Proof Insertion Tubes:** Maintains strength and maneuverability for deep inspections.
- **Video and Still Recording:** Capabilities for detailed documentation.
- **Interchangeable LED Tip Adapters:** Enhances versatility for different inspection needs.
- **Foreign Object Retrieval:** Tools included for retrieving objects during inspections.



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## RVI Inspection Equipment

# Waygate XL Flex

### Overview

The Waygate XL Flex is a state-of-the-art videoscope designed for exceptional image clarity, durability, and ease of use in demanding inspection environments. Its lightweight and portable design, coupled with advanced articulation capabilities, makes it ideal for various industrial applications.

### Features

- **Superior Image Quality:** High-resolution video with powerful light output to enhance probability of detection.
- **Durable Construction:** Rugged polycarbonate housing with integrated Versalon™ bumpers.
- **User-Friendly Interface:** Includes Menu Directed Inspection (MDI) 2.0 for guided inspections.
- **Enhanced Storage:** Up to 16 GB internal storage and external USB connectivity.
- **360° Tip Articulation:** Ensures thorough inspections in tight spaces.
- **Lightweight Design:** Weighs 2-2.5 kg for easy portability.
- **Waterproof Rating:** IP55 for XL Flex and IP64 for XL Flex+.
- **Battery Life:** Up to 4 hours of continuous use.
- **LCD Display:** 3.5" for XL Flex and 5.0" for XL Flex+.



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## RVI Inspection Equipment

# XTenda Cam

### Overview

The Xtenda Cam is a versatile inspection tool designed for viewing, illuminating, and recording hard-to-reach areas. It is equipped with a high-definition camera and advanced features that make it ideal for a variety of industrial inspection applications.

### Features

- **HD Tilt System:** The 1080p camera is housed in a waterproof enclosure and attached to a motorized tilting mechanism, allowing for a 320° range of motion.
- **Variable LED Lighting:** Provides adjustable lighting that reaches up to 25 feet, ensuring clear visibility in dark environments.
- **Telescoping Pole:** Extends up to 16 feet 4 inches and weighs only 12.4 pounds, allowing for easy access to high or confined spaces.
- **Stabilization Legs:** Comes with two non-slip legs that provide balance and control during inspections.
- **Camera Controls & Display:** The system includes a touchpad for controlling the camera, a mounted color DVR, and an adjustable HD LCD display. It allows for live video feed viewing, video recording in mpg format, and still image capture in jpg format. Videos and photos are stored on SD cards, and the output jack can be used with external monitors.



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## MFE Office Locations

### MFE USA

#### MFE Inspection Solutions - HQ

150 Holder Lane  
Dripping Springs, TX 78620  
(281) 441-8284

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Concord CA 94520  
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#### Atlanta, GA

1785 West Oak Parkway Suite 2  
Marietta, GA 30062  
(678) 398-7910

#### Corpus Christi, TX

226 Enterprize Pkwy Suite 108  
Corpus Christi, TX 78405  
(361) 881-4723

#### Baton Rouge, LA

12030 Lakeland Park Blvd Suite 105  
Baton Rouge, LA 70809  
(225) 456-5285

#### Houston, TX

6025 Fairmont Pkwy  
Pasadena, TX 77505  
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