

A man wearing a black hard hat with a circular logo, safety glasses, and a blue denim work shirt is holding a black FLIR GF77 camera. The shirt has "Eute Huss" and "North Energy" embroidered on it. He is looking through the camera's viewfinder. The background is an industrial environment with various pipes and machinery.

# GAS FIND IR

FLIR **GF77**<sup>TM</sup>

Uncooled Optical Gas Imaging  
Camera for Detecting Methane  
and Other Industrial Gases

 **FLIR**<sup>®</sup>

# INTRODUCING THE FLIR GF77

The high-tech features of FLIR optical gas imagers—in an affordable, uncooled camera.

The FLIR GF77 is a groundbreaking uncooled infrared camera that visualizes methane emissions in realtime for faster, more efficient gas leak surveys. This nimble, affordable alternative to FLIR's industry-leading cooled optical gas imagers was designed for use by renewable energy producers, at natural gas power plants, and at locations along the natural gas supply chain.

Armed with the GF77, you can scan components quickly, focusing on problem areas and finding small leaks you might miss with a traditional TVA or "sniffer." Efficient leak detection and repair (LDAR) will help protect the environment while avoiding product losses and ensuring a safer work environment.



## Key Features

### Methane-Specific Spectral Filtering

Targeting the spectral filter improves visualization of methane while also reducing false negatives from gases that absorb in other wavelengths.

### One-Touch Contrast Enhancement

With 1-Touch Level/Span, a quick tap on the screen automatically improve contrast between the gas compound and the background scene.

### Accentuated Plume Movement

Easily toggle on/off High Sensitivity Mode (HSM). This proprietary video processing technique highlights plume movement for increased gas detectability.

### Award-Winning, Ergonomic Design

Based on the FLIR T-Series platform, the GF77 offers a 180° rotating optical block, vibrant touchscreen LCD, and eyepiece for ease-of-use in direct sunlight.

### Robust Camera Features

From the laser-assisted autofocus to the responsive touchscreen graphic interface, the GF77 offers the latest high-tech features you'd expect from FLIR.

### Streamlined Reporting Features

Organize your findings in the field using the built-in voice annotation, GPS tagging, customizable work folders, and Wi-Fi connections for video streaming or sharing.

## FLIR GF77™

Groundbreaking uncooled optical gas imager for detecting methane and other industrial gases

**Programmable button:** program to hot-switch between HSM and automatic, or to toggle palettes

**Soft eyecup:** Included for more comfortable outdoor use

**Touchscreen:** activate 1-Touch Level/Span, size measurement boxes, and more

**Softkeys:** display onscreen menus and features

**Viewfinder:** allows for transition from indoors to bright outdoor conditions

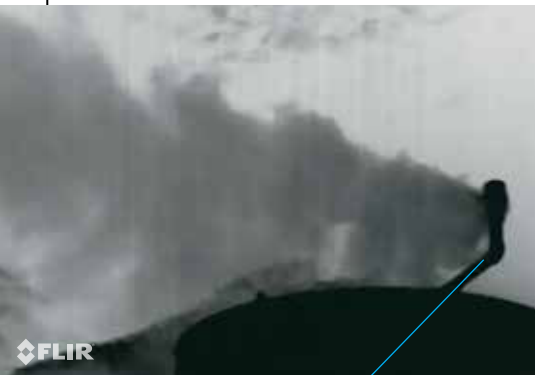
**180° rotating lens:** ensures camera can always be held in a neutral position

**Laser:** provides distance information needed for precision autofocus

The GF77 is ideal for:

- Industrial plants
- Renewable energy producers
- Natural gas power plants
- Locations along the natural gas supply chain
- LNG terminals and storage

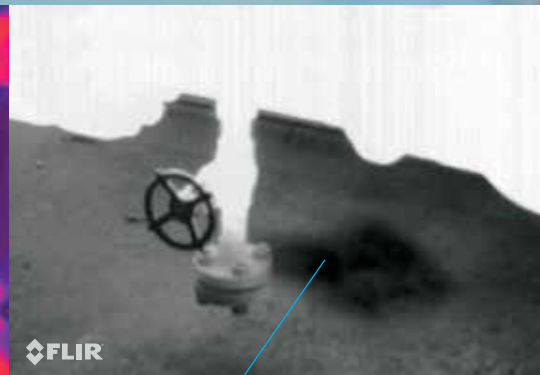
Natural gas fitting leak



Valve leak



Natural gas emissions



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