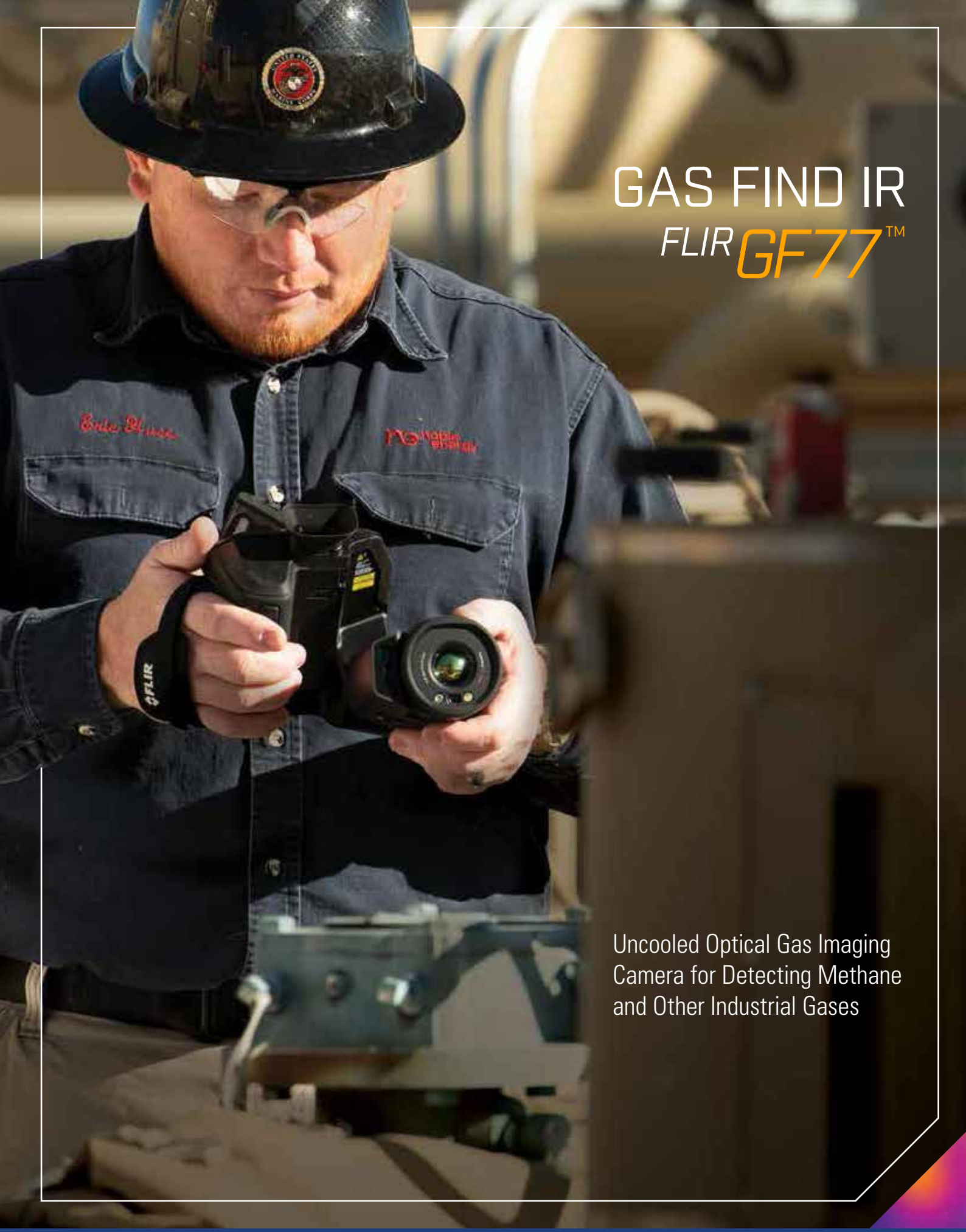

FLIR® | The World's Sixth Sense™

nbn Austria GmbH

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

The World's Sixth Sense®

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nbn Austria GmbH
Riesstraße 146, 8010 Graz
Tel. +43 316 40 28 05 | Fax +43 316 40 25 06
nbn@nbn.at | www.nbn.at