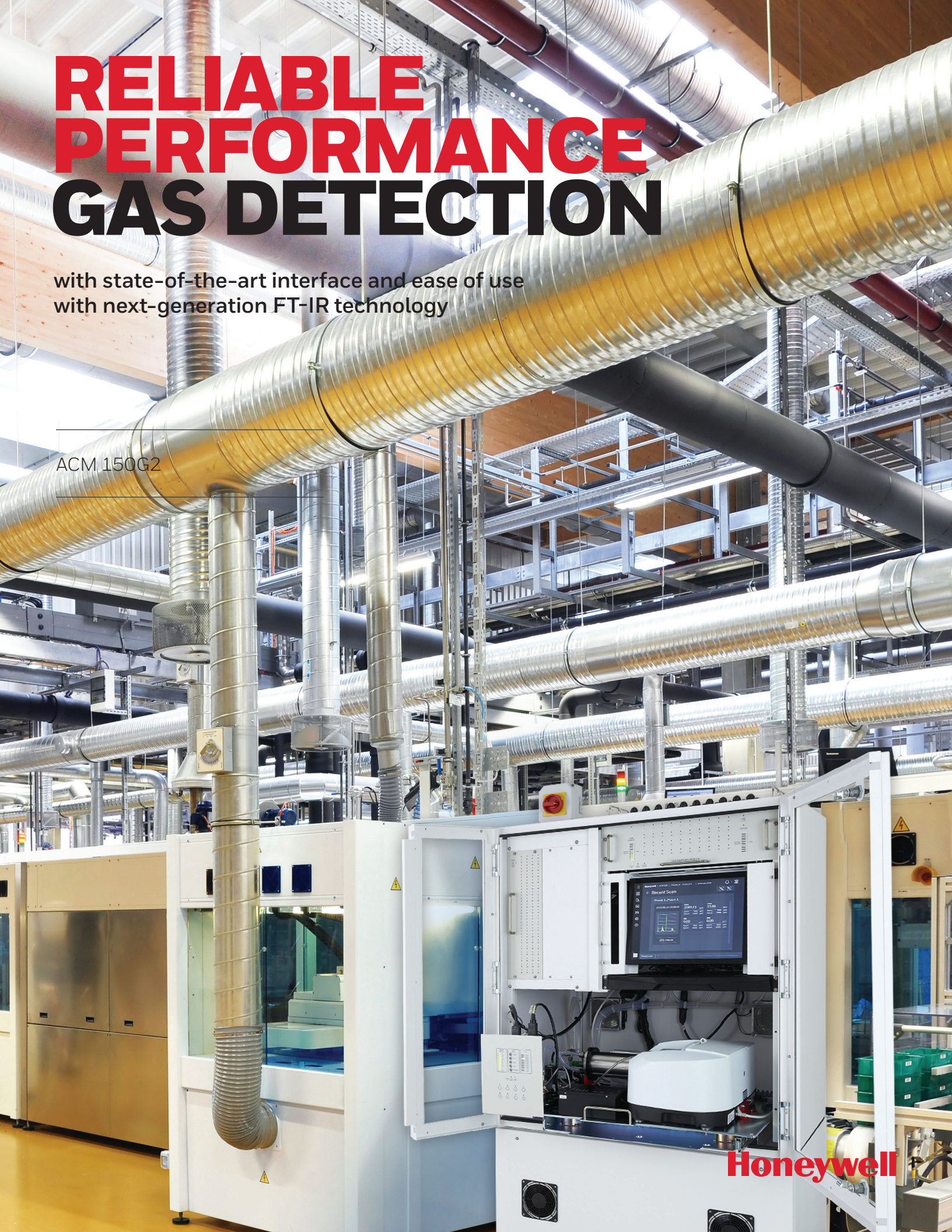


RELIABLE PERFORMANCE GAS DETECTION

with state-of-the-art interface and ease of use
with next-generation FT-IR technology

ACM 150G2



Honeywell

CENTRALIZED GAS MONITORING SYSTEM

Detect more gases, in many cases at lower levels, with proof of response through state-of-the-art Human Machine Interface (HMI). Promote uptime, low cost of ownership, and reliable performance with ACM 150G2 by Honeywell.

IMPROVED GAS MONITORING PERFORMANCE WITH THE ACM 150G2.

Increase productivity demands with a newly designed FT-IR bench that provides a better Lower Detectable Limit (LDL) for many gases through the instrument. Choose Honeywell ACM 150G2 for enhanced safety, improved performance, and lower cost-per-point monitoring.

Integrate gas detection into a single unit

- Detect multiple gases, chemicals, or odors in an industrial process*
- Overlay the spectrum of detected gas against a library of spectra for precise detection as a user validation tool
- Up to 40 measuring points can be detected sequentially
- 80 configurable relay points for increased flexibility

Promote uptime

- Sealed aluminum body prevents moisture intrusion, protecting critical internal components
- Double IR scan ensures reliable performance and reduces false alarms
- Optimized built-in measuring/self-diagnostics eliminate on-site gas calibration
- Desiccant replacement cycle of 3-to-5 years

Boost gas monitoring performance

- Composite sampling of up to four measuring points provides faster measurement
- Easy-to-service gas cell with stainless-steel body construction prevents costly downtime
- Better Signal to Noise Ratio (SNR) performance allows for lower LDL measurements

Simplified touchscreen operation

- Improved HMI with modernized solid-state computer operating on a world-proven operating system
- Large user-friendly touchscreen interface
- Flexible communications options meet unique site requirements
- Robust solid-state drive
- Embedded web server for remote access

MULTI-POINT GAS DETECTION FOR ENHANCED SAFETY CAPABILITIES

ACM 150G2 integrates the latest FT-IR technology within a centralized gas monitoring system to offer many advantages:

- Up to 40 measuring points can be centrally located on one device, such as process tools, gas and chemical storage units, gas cabinets, distribution boxes, process tools, emission measurement, and ambient air monitoring
- Up to 15 gases can be detected per measuring point, lowering your cost-per-gas-per-point monitoring
- Self-diagnostic programming detects faults and critical alarms, eliminating many maintenance calls
- Communications options meet unique site requirements (Open Platform Communications (OPC), ControlNet™, Modbus®, and Profibus®)

GET IN TOUCH WITH HONEYWELL ANAYTICS NOW

Find out how Honeywell systems integration team can save money along with enhancing safety and productivity.

Call 800-538-0363 to discuss your specific operational needs.

*For more information, refer to the ACM 150G2/100 Gas List or contact a regional sales representative. More than two hundred gases are detectable. Honeywell engineers may be able to generate a new method for gases not listed.

FEATURES AND BENEFITS

Relays

Every ACM 150G2 is equipped with 80 programmable relays

FT-IR Bench

Provides more gas detection options (up to 15 gases per measuring point are possible); software method can be configured to detect a large variety of gases, odors, or chemical compounds

Sealed Aluminum Body

Prevents moisture intrusion, reduces EMI, and boosts uptime

New Gas Cell

Stainless-steel construction provides best-in-class SNR performance with ease of service and maintenance



Easy Maintenance Access

All connections for power, sample lines, compressed air, and nitrogen are located on the top of the unit

Interface

Touchscreen computer, improved HMI for easier viewing, web-based user interface. Quickly evaluates the IR spectra, stores critical data, transmits alarms, activates point relays, and monitors diagnostics and test functions

Software

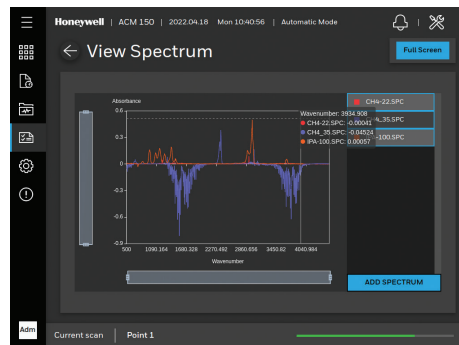
Enhanced data processing reduces system slowdowns while boosting performance and reliability

Robust Pump

Electric or venturi (compressed air) pump options, with redundant electric backup pump as standard

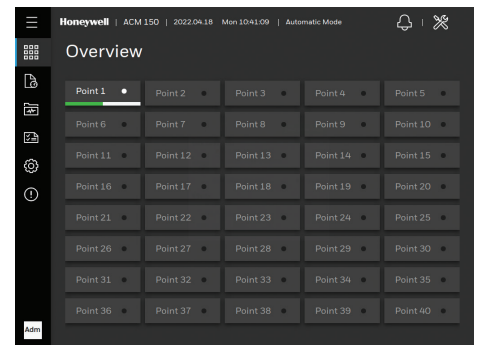
RELIABLE INFORMATION AT-A-GLANCE

The 15" flat touchscreen computer with Linux OS is easy to use and navigate. The ACM150G2 superfast processor allows updates every 15 seconds, speeds response time, and nearly cuts out 'idle time.' The net results increase reliability and performance, analyze site conditions more quickly, and reduce the risk of false alarms. With ACM 150G2's flexible communication outputs, critical processes can be performed on-site or via a remote PC.



Spectrum Viewer Menu

to compare two or more overlapped spectra



Overview Menu

to monitor scanning progress and status

RELIABILITY AND DURABLE SUPPORT

Honeywell is a major gas detection provider with a division focused exclusively on semiconductor processing and other high-tech industries. That means we know your business – and can help support you in protecting it.

YOUR SAFETY IN MIND

As the world leader in industrial safety, Honeywell offers a comprehensive portfolio of head-to-toe fixed and portable gas detectors; personal protective equipment; and sensors, software, control systems and other connected technologies. It's all designed to help you protect your people and your assets.

FOCUS ON SAFETY AS A STRATEGIC ADVANTAGE

With these portable multi-gas detectors, Honeywell also helps your company focus on safety as a strategic advantage – by helping you take steps to improve workers' confidence on the job, increase their productivity, reduce the cost of compliance management, and prevent unexpected downtime.

For more information

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell