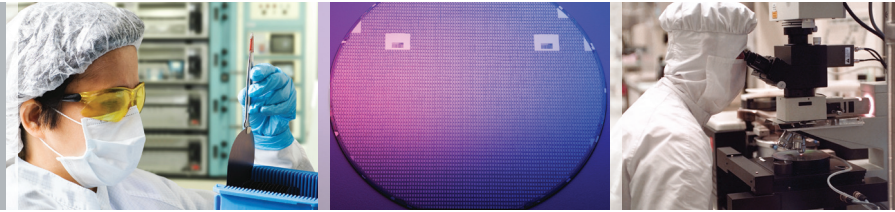


**Lower your cost-per-point gas monitoring with next-generation FT-IR technology**

# ACM 150



## Integrate gas detection into a single unit

- Detect virtually any gas, chemical or odor in an industrial process\*
- Up to 40 measuring points can be detected sequentially
- 80 configurable relay points for increased flexibility

## Cut monitoring costs over life of device

- Sealed aluminum body prevents moisture intrusion, protecting critical internal components
- Double IR scan ensures reliable performance, 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 4 measuring points provides faster measurement
- Easy to service gas cell with stainless steel body construction prevents costly downtime
- Better SNR performance allows for lower LDL measurements

## Simplified touchscreen operation

- Superfast processor improves response time
- Large user-friendly touchscreen interface
- Flexible communications options

\* Refer to the ACM 150/100 Gas List or ask your regional sales rep for more information. More than two hundred gases detectable. Our engineers may be able to generate a new method for gases not listed.

**Detect more gases, in many cases at lower levels, with proof of response. Cut service time in half. Ensure uptime and reliable performance with ACM 150 by Honeywell Analytics.**

## Multi-Point gas detection for enhanced safety

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

- Up to 40 measuring points can be centrally located to 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 your unique site requirements (Lonworks®, ControlNet™, Modbus®, Profibus®)

## Improved gas detection performance

The ACM 150 matches your company's increased productivity demands with a newly designed FT-IR bench that provides better LDL (Lower Detectable Limit) performance for many gases along with reduced maintenance and service requirements over the life of the instrument.

Choose the ACM 150 for enhanced safety, improved performance and lower cost per point monitoring.



# Centralized Gas Monitoring System



**Relays** – Every ACM 150 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 virtually any gas, odor or chemical compound

**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.

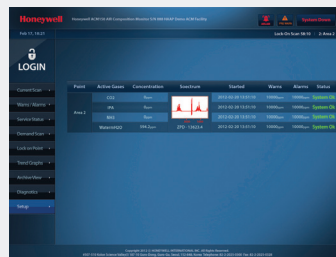
**Touchscreen Computer** – Quickly evaluates the IR spectra, stores critical data, transmits alarms, activates point relays and monitors diagnostics and test functions

**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 large touchscreen computer is easy to use and navigate. Backed by a superfast processor, with updates provided every 15 seconds, ACM 150 speeds response time and practically cuts out 'idle time'. The net result? Increased reliability and performance, quicker analysis of site conditions, reduced risk of false alarms. And with ACM 150's flexible communication outputs, critical processes can be performed on site or via a remote PC.



**Warnings and Alarms**  
Current operational status is displayed at the top of the monitor alerting the operator to any conditions requiring attention.



**Demand Scan Mode**  
Provides a quick means of monitoring any area during an emergency and reporting the levels of hazardous gases present there.

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