

# HONEYWELL MERCURY INSTRUMENTS

Precision, Support, and Excellence  
in Every Measurement

TALK TO AN EXPERT

Honeywell

Honeywell Mercury Instruments are meticulously designed and engineered for natural gas measurement applications. We specialize in custody transfer gas measurement, pressure monitoring and cellular communication, providing efficient collection and comprehensive reporting of measurement data.

Our focused approach results in purpose-built products that are not only easy to install but also simple, configure and maintain.

## PRECISION MEASUREMENT

Mercury Instrument provides highly precise measurements of temperature, pressure, and volume. We use the experience gained from 55 years of building instruments that are often installed in outdoor environments to make products both rugged and precise.

## ENHANCED PERFORMANCE

The ruggedness of Mercury Instruments provides durability and consistent performance under even extreme weather conditions, and the power-saving design allow for many years of battery or solar-powered operation.

## SEAMLESS INTEGRATION

Mercury Instruments, cellular modems, and software integrate well with other leading software and hardware products in the gas industry to make customer operations more efficient.

## ADVANCED DATA SOLUTIONS

Mercury Instruments enable real-time analytics, allowing utilities to continuously monitor performance metrics. This responsiveness can lead to faster adjustments in operations based on data-driven insights.

## CUSTOMER WANT

Gas distribution utilities are confronted with a range of ever changing operational and regulatory challenges that drive their need for effective measurement and monitoring solutions. Our focus on enhancing operational reliability, improving data accessibility, and leveraging advanced data solutions provides information and flexibility that foster sustainable growth.



### ENHANCING OPERATIONAL RELIABILITY

Utilities are increasingly prioritizing systems that enhance the reliability and accuracy of their gas measurement processes. They are seeking solutions that can minimize downtime and provide consistent performance even under varying operational conditions. Honeywell's Mercury Instruments offer precision measurement for critical parameters like temperature, pressure, and volume, which directly impacts system reliability and can reinforce operational workflows.



### IMPROVING DATA ACCESSIBILITY & ANALYTICS

Utilities are increasingly focused on improving data accessibility and leveraging analytics for informed decision-making. They desire solutions that facilitate the easy collection, analysis, and reporting of operational data to identify trends and optimize performance. The Mercury ecosystem enhances data accessibility through remote collection capabilities with PowerSpring software, enabling seamless integration of instrument data into existing management systems.



### UTILIZING ADVANCED DATA SOLUTIONS

Data-driven decision-making is becoming a cornerstone of operational strategy in the gas distribution sector. Utilities are seeking advanced technologies that facilitate the collection, analysis, and utilization of measurement data to drive insights and improvements. The Mercury ecosystem enhances this capability by allowing easy back-end system access to data collected via Mercury Instruments. This integration empowers utilities to monitor performance effectively, adjust operations as needed, and streamline reporting processes.

## PRODUCT HIGHLIGHTS



### EC350 VOLUME CORRECTOR

- Proven durable and reliable in outdoor installation.
- Available with an integral 5G CloudLink modem which is Class 1 Div 1 and Div 2 certified.
- Versatile UMB, rotary and wall-mount options.
- 2<sup>nd</sup> pressure available to allow for pressure monitoring as well as correction.
- Highly accurate and stable digital pressure transducer which contains its coefficients for easy transducer swap.
- 10-year battery life.
- Backed by our 4-year warranty.



### MIWI350 PRESSURE AND TEMPERATURE MONITOR

- Monitors up to 3 pressures, temperature, ambient temperature and up to 4 digital inputs.
- Flexible power options include solar with a 22-amp hour battery included in the enclosure or AC power with battery backup.
- CSA Class 1, Div 2 certified.
- Backed by our 4-year warranty.



### CLOUDLINK 5G MODEM

- LTE CAT M1 (Noth America) and NBloT (Europe).
- Transparent Modem.
- Very low power consumption - battery will last 15 years making on call per day downloading hourly instrumentation data.
- IPv4 protocol.
- Firmware Upgrade Over-The-Air (FOTA)
- TLS compatible.
- Whitelisting for cellular communication.
- Designed using Honeywell's certified IEC 62443 Part 4-1 design process.



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Performance Measurement and Control

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