



**0.25% MEASUREMENT ACCURACY
COMMUNICATION, PULSE-IN & PULSE-OUT OPTIONS**

High Performance, PTZ Electronic Volume Corrector

The Mini-AT from Honeywell sets the standard for electronic gas volume correctors.



The Mini-AT's proven track record for quality and reliability has set the standard for electronic gas volume correctors. With its purpose-designed case, precision measurement systems and abundant features, the Mini-AT provides the operation and service you expect from a Honeywell product.

Product Features

- 0.25% measurement accuracy
- Hinged door with padlock hasp
- Configurable CW & CCW mechanical index
- Universal meter mounting plate
- 1/2" character LCD
- Programmable scroll list
- Integral pressure and temperature transducers
- Variety of pressure transducers ranges to fit application
- Two Form-A pulse channels for volume output
- Alkaline and lithium power packs available
- Provisions for 2nd pressure transducer (pressure logging)
- Event logging and Alarm logging included
- Two independent serial ports

Find Out More:

To learn more about Mercury Instruments products, contact your Honeywell Process Solutions representative, visit www.mercuryinstruments.com or call **513-272-1111**.

Automation and Control Solutions

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Specifications

Accuracy

Maximum error at reference conditions including linearity, repeatability and hysteresis.

- Computation: $\pm 0.1\%$ of corrected volume reading
- Pressure Transducer: $\pm 0.2\%$ of full scale
- Temperature Sensor: $\pm 0.5^\circ\text{F}$ ($\pm 0.28^\circ\text{C}$)
- Combined Computation, Pressure & Temperature: $\pm 0.25\%$ of full scale

Ambient Temperature Effects

From -40 to 170°F (-40 to 76.6°C)

- Computation: $\pm 0.1\%$ of corrected volume reading per 100°F (55.56°C)
- Pressure Transducer: $\pm 0.3\%$ of full scale per 100°F
- Temperature Sensor: No effect

Long Term Stability

- Computation: $\pm 0.1\%$ of corrected volume reading per year
- Pressure Transducer: $\pm 0.3\%$ of full scale per year
- Temperature Sensor: $\pm 0.2^\circ\text{F}$ (0.11°C) per year

Environmental Conditions

- Ambient Temperature: -40 to 170°F (-40 to 76.6°C)
- Ambient Humidity: 0 to 100% non-condensing

Power

- Input Voltage: 5.5 to 9.0 VDC
- Battery Life: 3 years (w/6 D-cell battery pack at normal operating conditions)

Certifications



NRTL/C

- Class 1, Division 1, Group D
- Class 1, Division 2, Group D

Weight and Dimensions

- 12.5 lbs (5.6 kg) meter-mount version
- 14.5" H x 8.5" W x 7.3" D

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