



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](http://www.mercuryinstruments.com) or call 513-272-1111.

## Automation and Control Solutions

Honeywell Process Solutions  
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[www.honeywell.com](http://www.honeywell.com)

## 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  $170^\circ\text{F}$  ( $-40$  to  $76.6^\circ\text{C}$ )
- Computation:  $\pm 0.1\%$  of corrected volume reading per  $100^\circ\text{F}$  ( $55.56^\circ\text{C}$ )
  - Pressure Transducer:  $\pm 0.3\%$  of full scale per  $100^\circ\text{F}$
  - 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:  $\pm 0.2^\circ\text{F}$  ( $0.11^\circ\text{C}$ ) per year

## Environmental Conditions

- Ambient Temperature:  $-40$  to  $170^\circ\text{F}$  ( $-40$  to  $76.6^\circ\text{C}$ )
- 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

# Honeywell