



The most accurate Electronic Volume Corrector for standard meter applications.

The GAS MICRO is a multifunction Instrument designed to be configurable for applications such as :

- Electronic Volume Corrector
- Electronic Pressure Recorder
- Electronic Data Logger

BENEFITS

- 3 Products/Software
- Accurate billing
- Long battery life
- Reduce inventory
- Alkaline & Lithium
- AGA8
- Event logging included
- Fast 2 point calibration
- Telemetry options
- Reverse flow/Rocking detection

GAS Micro

Smooth Operation
The Leader in Measurement Accuracy

Superior Accuracy

Easy to Use

Low Operation Costs

Low Maintenance Costs

Fully Configurable

SPECIFICATIONS

Accuracy @ 25° C

Corrected Volume:
+/- 0.05 % of reading
Pressure:
+/- 0.05 % of reading
Temperature:
+/- 0.080F

Max error over ambient temperature - 40° C to 65° C

Corrected Volume:
+/-0.2% of reading
Pressure:
+/-0.2% of reading
Temperature:
+/- 0.30F
Pressure transducer range ability
up to 250 to 1
Reverse flow quantification
Rocking detection and compensation
Real time modbus
Configuration event log audit trail

Audit Trail

Fully configurable Hourly, Daily, and Monthly and Extended logs Hourly, Daily, and Monthly logs are configurable for up to 8 user-selectable log items Extended logs are configurable for up to 4 user-selectable log items and are used to store values for wake-up intervals that are less than one-hour Log items are selected from the follow-ing: 29 configuration items; 31 real-time (instantaneous) items; 27 hourly, 31 daily and 31 monthly measurement values 10,000 values for each log

Log Sizes

Up to 28 days of extended logs
Up to 366 days of hourly logs

Calibration and Verification

Quick 2 -point calibration
Single point verification at any point in the pressure transducer range

Volume Correction

AGA7 corrected volume calculation
AGA8 Gross Method 1 and Gross Method 2 supercompressibility calculation

Pulse Input

Standard instrument mount mechanical index
Optional remote pulse configuration

Pulse output

Two configurable and scalable pulse outputs
Configurable for uncorrected and corrected volumes or alarms or energy

LCD

8 character alphanumeric LCD with a -40 to +65 deg C ambient specification
Configurable from 31 user selectable parameters
Display items are selectable from 71 configuration values, 51 instantaneous values, 28 hourly trend values, 32 daily trend values, 32 monthly trend values, including a selection of hourly, daily and monthly audit values

Alarms

Pressure, temperature, flow rate, battery, high nomination, reed switch fail, configurable for report -by- exception (call out)

Software

System software is compatible with Microsoft Windows 98, 2000, ME, NT, XP, and windows 7 operating systems. Interface uses standard Windows format with point-and -click and drag-and-drop interaction

Communications

Modbus Gas Micro incorporates MODBUS protocol
Modbus register list is fully mapable and configurable
Modbus register list is configured using drag-and -drop method
Dial-up/leased line modem Low power 2400 baud
Cellular modem Internal or external Airlink Raven modem
CDMA or GSM 9-24 VDC input voltage
Internet accessible

