Fox in a Box

Comprehensive emission testing solution

Designed to accurately measure and manage carbon offsets

This all-in-one system combines the advanced capabilities of a Fox Thermal FT4X flow meter with the precision control of a HMI controller, integrated seamlessly with Spartan Controls' robust datalogging program.

Key Components

Fox Thermal Mass Flow Meter

- **Precision Measurement:** Utilizes thermal dispersion technology to provide accurate, real-time measurement of gas flow rates.
- **Versatility**: Suitable for a wide range of gases and applications, ensuring reliable performance in various industrial settings.

HMI Controller

- **User-Friendly Interface**: Easy to configure and operate, enabling seamless integration with existing systems.

Datalogging Program

- **Comprehensive Data Management**: Captures and records detailed emission data, ensuring compliance with regulatory standards.
- **Exportable CSV Files**: Simplifies data analysis and reporting with easy export options, facilitating the documentation of carbon offset activities.

Benefits

- **Accurate Emission Measurement**: Ensure precise tracking of gas emissions to support carbon offset initiatives.

- **Integrated Solution**: Combines measurement, control, and data management in a single, cohesive package.

- **User-Friendly Operation**: Designed for ease of use, making it accessible to operators with varying levels of expertise.

- **Compliance and Reporting**: Streamlines compliance with environmental regulations and simplifies the reporting process with exportable data formats.

- Available with a 120Vac plug-in or an optional battery pack, enabling you to conduct tests even in locations without a power source.

Fox in a Box is the ideal solution for organizations looking to effectively measure, manage, and report on their emission levels, aiding in the achievement of sustainability goals and regulatory compliance.

Fox Thermal FT4X

- Measures process gas flow rate/total and temperature

- Inline flow bodies with NPT ends (1.5" pipe)

- Equipped with the 3rd Generation DDC-Sensor™ (Direct Digitally Controlled)

- Gas-SelectX® expanded gas selection menu. Choose from available list of gases/gas mixes to measure flow. NIST-traceable calibration.

- Advanced Data Logger with Real Time Clock and 40 24-Hour daily totals

- A USB connection is standard (free FT4X View™ Software); and Modbus RTU (RS485) communication protocols

- Standard on-board display and configuration panel

- Calibration Validation with the CAL-V™ test

- NIST-traceable calibration

- Wide measurement range

- Flow accuracy for air: ±1% R ±0.2% FS; flow accuracy for other gases: ±1.5% R ±0.5% FS

- 24 VDC