

# Ultrasonic Meters

## Principles and Demonstration

- Fundamentals of Ultrasonic Meter Measurement
  - History
  - Methods
  - Theory
- Ultrasonic Meter Designs
  - Chord Path
  - Bounce Path
  - Transducer types
- Factors that affect measurement/accuracy
  - Meter Components
  - Flow Conditions
  - Station Design Considerations
- AGA 9 Standards
  - History
  - Changes and Updates
- Software
  - Connections
  - Information
  - Interpreting the Data

- Hands on Demo
  - Flowing air through the meter
  - Examining data
  - What changes as condition change