

Ultrasonic Flow Meters

Large turndown ratio, no pressure drop, no moving parts, no drift

Sentinel | Custody Transfer, Allocation, Leak Detection | accuracy 0.1%

Critical liquid measurement applications



Sentinel LNG Liquid Flow Meter

- Cryogenic or high temperature
- Custom metallurgy available



Sentinel LCT4

- 4 path meter for liquid custody transfer or leak detection



Sentinel LCT8

- 8 path meter for liquid custody transfer or leak detection

PanaFlow | Process Flow Meters | accuracy 0.5%

Cost-effective ultrasonic flow measurement. Ideal for process applications.



Panaflow Z1G/Z2G

- 1 & 2 path configurations
- High performance gas meter



Panaflow Z3

- 3 path liquid flow measurement



Panaflow LZ

- One or two-path liquid wetted system



Panaflow HT

- Large temp range
- SIL-rated for hazardous areas
- Ideal for resid applications

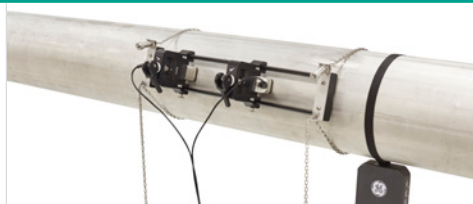
Clamp-on | accuracy 1.0%

Cost-effective ultrasonic flow measurement. Ideal for process applications. No risk of leaks.



Transport PT878GC

- Portable ultrasonic gas flowmeter
- Rugged industrial design



Transport PT900

- Easy to use, portable liquid flowmeter
- Display data and program from a tablet or smart phone



Aquatrans AT600

- One path liquid meter
- Works with wide range of pipe materials
- Easy installation

Flare Solutions

The industry's first and leading monitoring solution.



Digitalflow GF868

- Worldwide leader in ultrasonic flare gas



Flare.IQ

- Advanced flare control platform

Steam



Digitalflow GS868

- Mass flow rate for your complete steam flow range.

Flow Services

- Regulatory meter evaluations and verifications
- Preventative maintenance
- Flow measurement surveys
- CFD to overcome straight run challenges
- Training available

Analyzers

Oxygen | Gas Analysis: Process Analyzers



oxy.IQ

- Galvanic fuel cell technology
- PPM or % oxygen analysis
- Hydrocarbon process designs



XMO2

- Thermoparamagnetic technology
- Process oxygen measurements
- Explosion proof



XMTC

- Binary gas thermal conductivity
- Low-maintenance
- Explosion proof

Moisture Analyzers (Hygrometers)

Aluminum Oxide: Analyzer & Transmitters

- Full line of multi-functional analyzers, transmitters, and portable packages
- Moisture in gases and organic liquid



Moisture Sensor Exchange Program

Calibration service agreements for aluminum oxide moisture probes

- Ensures minimal interruption to critical process measurements
- Exchanges a probe at end of calibration cycle with a newly calibrated probe
- Stores the replaced probe for your next calibration



TDLAS: Aurora

- Fastest responding, high accuracy moisture measurement
- Wide-measurement range with sensitivity below 2 PPMv
- Fixed and portable designs



Industrial Relative Humidity

- Polymer capacitive technology
- Rugged industrial design
- In-situ humidity measurements
- Temperatures up to 150°C (302°F)



Chilled Mirror

- Primary standard
- Packages for laboratory and industrial applications
- Dewpoint ranges from -80°C to +75°C (-112°F to +167°F)

Sample Systems

- Standard and custom sample system designs
- Over 50 years of Panametrics Application Engineering Expertise

Industries

- Refining
- Petrochemical
- Combustion efficiency
- Natural gas
- Vapor recovery

- Power generation
- Industrial gas
- Compressed air
- Air separation
- High purity gases

- Steel
- Semiconductor
- Pharmaceutical
- Metrology