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

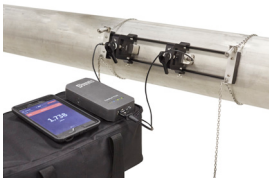
PanaFlow HT
Large temp range
SIL-rated for hazardous areas
Ideal for resid pplications

PanaFlow FLI
1 & 2 path configurations
Low pressure retraction and insertion
High performance and corrosive gas tolerant transducers

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 & program from a tablet or smartphone

AquaTrans AT600
One path liquid meter
Works with wide range of pipe materials
Easy installation

DigitalFlow GC868
Permanent Gas Clamp-On
Suitable for a wide range of temperatures & pressures
Two-channel/two-path version available

PanaFlow LC
Permanent Hazardous Area liquid clamp-on
Improved accuracy & repeatability

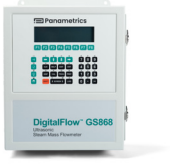
Flare Solutions:

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.

PanaConnect

Live remote troubleshooting
Remote meter verification
Eliminates travel cost

Analyzers

Precise gas detection, wide measurement range, fast response, robust design

Panametrics

Oxygen | Gas Analysis: Process Analyzers

oxy.IQ
Galvanic Fuel Cell Technology
ppm or % Oxygen Analysis
Hydrocarbon Process Design

XMO2pro
Paragmagnetic Technology
Process Oxygen Measurements
Safety Integrity Level (SIL) certified
No moving parts, explosion proof

XMTCpro
Binary Gas Thermal Conductivity
Low Maintenance
Explosion Proof
High level of reliability with SIL 2 by design

Moisture Analyzer (Hygrometers)

Aluminum Oxide: Analyzers & Transmitters
Full line of multi-functional analyzers, transmitters, and portable packages
Moisture in gases and organic liquids

TDLAS: Aurora
Fastest responding, high accuracy moisture measurement
Wide-measurement range with a 2 ppmv lower detection limit Fixed, rack mound & portable designs

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

Industrial Relative Humidity
Polymer Capacitive Technology
Rugged Industrial Design
In-situ and Ex-situ Humidity Measurements
Temperatures up to 150°C (302°F)

HygroPro™
Intrinsically Safe
Ambient to ppb-level Moisture Measurement
Built-in temperature sensor for temperature compensation

HygroPro XP
Explosion Proof
Ambient to ppb-level Moisture Measurement
Optional Pressure Sensor

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

Sample Systems

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

Per avere più informazioni
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Services

- Regulatory meter evaluations and verifications
- Preventative maintenance
- Flow measurement surveys
- CFD to overcome straight run challenges
- Hands on training
- Corrective maintenance
- AlOx Sensor Calibration
- In House Repair

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