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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



PanaFlow FLI

1 & 2 path
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 and
program from a
tablet or smart phone



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 and
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



PanaConnect

Live remote troubleshooting
Remote meter verification
Eliminates travel cost



Scan this code to learn more

Analyzers

Oxygen | Gas Analysis: Process Analyzers



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



SIL2
IEC 61508 certified

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



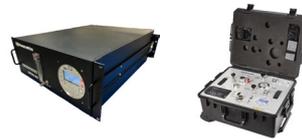
SIL2
IEC 61509 certified

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 mount and portable designs

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



Industrial Relative Humidity
Polymer Capacitive Technology
Rugged Industrial Design
In-situ and Ex-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)



HygroPro^{II}
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

Sample Systems

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



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



Scan here to find your local customer services representative