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

<table>
<thead>
<tr>
<th>Sentinel LNG Liquid Flow Meter</th>
<th>Sentinel LCT4</th>
<th>Sentinel LCT8</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Cryogenic or high temperature</td>
<td>• 4 path meter for liquid custody transfer or leak detection</td>
<td>• 8 path meter for liquid custody transfer or leak detection</td>
</tr>
</tbody>
</table>

**PanaFlow | Process Flow Meters | accuracy 0.5%**
Cost-effective ultrasonic flow measurement. Ideal for process applications.

<table>
<thead>
<tr>
<th>Panaflow Z1G/Z2G</th>
<th>Panaflow Z3</th>
<th>Panaflow LZ</th>
<th>Panaflow HT</th>
</tr>
</thead>
</table>
| • 1 & 2 path configurations | • 3 path liquid flow measurement | • One or two-path liquid wetted system | • 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.

<table>
<thead>
<tr>
<th>Transport PT878GC</th>
<th>Transport PT900</th>
<th>Aquatrans AT600</th>
</tr>
</thead>
</table>
| • Portable ultrasonic gas flowmeter  
• Rugged industrial design | • Easy to use, portable liquid flowmeter  
• Display data and program from a tablet or smart phone | • One path liquid meter  
• Works with wide range of pipe materials  
• Easy installation |

**Flare Solutions**
The industry’s first and leading monitoring solution.

<table>
<thead>
<tr>
<th>Digitalflow GF868</th>
<th>Flare.IQ</th>
<th>Digitalflow GS868</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Worldwide leader in ultrasonic flare gas</td>
<td>• Advanced flare control platform</td>
<td>• Mass flow rate for your complete steam flow range</td>
</tr>
</tbody>
</table>

**Steam**

**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

<table>
<thead>
<tr>
<th>Product</th>
<th>Technology</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>oxy.IQ</td>
<td>Galvanic fuel cell technology</td>
<td>PPM or % oxygen analysis, Hydrocarbon process designs</td>
</tr>
<tr>
<td>XMO2</td>
<td>Thermoparamagnetic technology</td>
<td>Process oxygen measurements, Explosion proof</td>
</tr>
<tr>
<td>XMTC</td>
<td>Binary gas thermal conductivity</td>
<td>Low-maintenance, Explosion proof</td>
</tr>
</tbody>
</table>

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

Customer Care: custcareboston@bakerhughes.com
Service: ms.service@bakerhughes.com
Panametrics.com