Panametrics’ LNG Solutions
High-accuracy Meters and Analyzers
As the pioneer of natural gas moisture analyzers and ultrasonic flow meters, Panametrics has solid experience in both moisture and flow measurements. We’ve leveraged that experience to create accurate and effective measurement solutions for every stage of liquid natural gas (LNG) production – from dehydration to regasification. All of which are backed by our worldwide service and a highly trained staff.
## Metrics Matter

Every stage of LNG production requires accurate, reliable measurements – but getting those measurements can be challenging. That’s why we offer a wide range of solutions to meet every need, in every stage.

<table>
<thead>
<tr>
<th>Stage</th>
<th>Solutions</th>
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| **1** Pretreatment/Dehydration | - Moisture analyzers  
- Gas and liquid flow meters  
- Ultrasonic flow meters |
| **2** Liquefaction   | - Moisture and gas analyzers  
- Gas and liquid flow meters  
- Flare flow measurement  
- Flare management solutions |
| **3** Loading and Offloading | - Moisture analyzers  
- Oxygen analyzers  
- Gas analyzers  
- Gas flow meters  
- Liquid flow meters |
| **4** Regasification | - Moisture and gas analyzers  
- Gas and liquid flow meters  
- Flare flow measurement  
- Flare management solutions |
| **5** LNG Vessels   | - Process flow meters  
- Oxygen analyzers |
Panametrics’ Product Spotlight

PM880 portable moisture meter
The PM880 moisture meter is a rugged, complete, intrinsically safe, portable system that delivers highly accurate moisture measurements in gases and non-aqueous liquids.

flare.IQ
Our groundbreaking flare.IQ platform uses an advanced process control algorithm to significantly reduce methane slip emissions, minimize costs, and improve transparency for flare operations. flare.IQ is a complete plug-and-play solution.

PanaFlow HT
Our PanaFlow HT is a SIL-rated flow meter that offers the ability to take accurate measurements at the bottom of a refinery and is rated for hazardous areas and extreme processes with temperatures from -200°C to 600°C. It can also be used to measure cryogenic liquids such as LNG.

moisture.IQ
Our moisture.IQ is a multichannel, multifunction analyzer that delivers highly accurate measurements to help control moisture and ensure that dryers are operating effectively.

PanaFlow LC on water lines
Suitable for use in hazardous environments, the PanaFlow LC is the latest generation in Panametrics’ line of permanent clamp-on ultrasonic flow meters, delivering superior performance and enhanced signal processing.

PanaFlow Z3
The PanaFlow Z3 combines the advantages of ultrasonics with our deep ultrasonic flow meter experience. Designed to eliminate the need for maintenance and periodic calibration, our Z3 delivers a high-performance, low-cost-of-ownership measurement solution for liquefaction.

Sentinel LNG
Based on proven technologies, the Sentinel LNG flow meter brings ultrasonic technology into cryogenic applications for measuring LNG with unbeatable performance, reliability, and safety.
No One Measures Up to Panametrics

At Panametrics, we know that metrics matter. That’s why we’re committed to delivering LNG meters and process analyzers that are built to withstand the extreme conditions of LNG production – while delivering reliable, high-accuracy measurements for safer operations and more uptime. Building on our extensive experience measuring moisture, gas, and liquid flow in all LNG stages, we’re able to offer solutions for pretreatment all the way through to regasification. We also have a team of experts, ready to assist you with high-quality service and support, including field installation and training, calibration, repairs, and preventive maintenance.