

GE
Measurement & Control

Moisture can't
escape our
innovation.



imagination at work



Aurora Trace HDLAS™.
The world's first high-definition
laser moisture analyzer.

We find the water no one else can. Aurora Trace—the world's first high-definition laser moisture analyzer—is the latest example of how GE Works. Aurora Trace has the technology to give enhanced measurements with greater precision than any traditional laser-based moisture analyzer.

With Aurora Trace, you'll get continuous, fast responding and reliable readings with precise measurements. When the smallest amount of moisture can shut down a large LNG facility, the question is, can you afford *not* to have the most accurate trace moisture analyzer?



A sharper signal.
Because you need to know.

When profits rely on detecting trace moisture, you want the system that provides the clearest signal.

Aurora Trace's patent-pending laser absorption spectroscopy technology is the key. It solves the problem of background gas interference, providing you with a sharper signal and more precise measurements that can detect even the minutest amounts of moisture. We do this by using:

- Multi-pass cell—effectively increases sensitivity by a factor of 30x
- Vacuum pump technology—time-proven technology used in laboratories and in the semiconductor industry, where reliable measurements and the highest resolution are critical
- Temperature/pressure compensation—our patented technology stores raw data in memory and uses it for higher-precision calibration



The test of time.
And reliability.

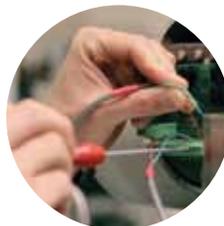
Accuracy that's
always on.

As with all GE products, the Aurora Trace is put through a rigorous testing process. For a simulated five-year period, the Aurora Trace is exposed to the harshest of elements: extreme heat, frigid cold and high humidity. Aurora Trace is also hazardous area certified.

Because it has endured all these severe testing methods, you can be assured that Aurora Trace will run continuously and fearlessly—no matter where on earth you place it.

With the Aurora Trace there is no need for baseline measurement data, and there are no blind moments. The Aurora Trace is always monitoring, with accurate process information that's available faster than any other technology. The Aurora Trace:

- Works continuously without interruptions
- Doesn't require baselining
- Measures without zero or span gases



Just connect and go.

With power and gas lines that easily connect, the Aurora Trace is ready for immediate moisture measurement. We understand not only how valuable seconds can be when analyzing moisture, but also how valuable your time is. So we've developed the Aurora Trace with many time-saving features:

- Easy to learn, configure and operate
- Ready for immediate moisture measurement: just connect power and gas lines
- Field programmable with magnetic wand—no need to open unit or obtain a hot permit
- The AuroraView intuitive interface
- Requires minimal maintenance and supervision

Another example of how GE Works.

Aurora Trace's cutting-edge technology is just one example of our commitment to continuing a long, successful history in moisture measurement. You now have a better choice in moisture analyzers—and it's brought to you by the industry leader.

Our technologies include:

- Automated manufacturing and calibration
- Six Sigma testing methodology
- Global field testing
- Traceable standards from NIST and national metrology institutions
- ISO 9001 certified



From the turbines that power your plants to the sensors that monitor them, we are hard at work for the LNG industry.





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