



Sierra to Exhibit its QuadraTherm®, the World's Most Accurate Thermal Mass Flow Meter, at the World Hydrogen 2025 Summit

May 6, 2025 – Monterey, California – [Sierra Instruments](#) is excited to announce it will exhibit its updated QuadraTherm® and TM500 mass flow meter solutions for hydrogen at the World Hydrogen 2025 Summit and Exhibition, May 20-22 in Rotterdam Ahoy, Netherlands (Hall 3, Booth A14).

Sierra [thermal mass flow meters](#) deliver highly accurate, reliable, and field-flexible flow measurement solutions to measure hydrogen gas and gas blends. They deliver the data that makes end-users smarter and more efficient with meters built to meet application, budget, and delivery needs.

“We're delighted to once again exhibit at the World Hydrogen Summit,” says Robert Cid, Director of Product Marketing for Sierra. “Hydrogen continues to be an exciting growth market, and Sierra's QuadraTherm and TM500 are ideal measurement solutions for low-pressure applications.”

[QuadraTherm](#) delivers the world's most accurate thermal mass flow measurements with an accuracy of +/- 0.5% of reading above 50% of full scale for air and other gases. Accuracy is as good as, if not better than, Coriolis at a fraction of the price. It offers built-in flow conditioning (inline version), high turndown to handle low to high flows during upset conditions, multivariable outputs, and flow ranges up to 60,000 sfp (305 smps).

The QuadraTherm also features qTherm®, Dial-A-Gas®, Dial-A-Pipe™, and onboard qMix™ gas mixing software, allowing for custom gas mixtures in the field without costly recalibration. It's particularly well suited to managing flare gas composition in upstream oil & gas applications and other scenarios where gas composition frequently changes.

The [TM500](#) offers similar benefits to QuadraTherm for flow velocity ranges 0 to 45,000 sfp at a reduced cost. It promises precision, speed, and the field flexibility required to adjust gas mixes and configure meter settings to maintain optimum process efficiency.

Sierra offers a wide range of other [hydrogen solutions](#) for both green and blue hydrogen production.

Visit Sierra at **Hall 3, Booth A14** to learn how Sierra's innovative thermal mass flow meters can help meet your hydrogen flow measurement requirements. And together with our TASI partners, Vögtlin Instruments, and KEM Küppers, Sierra can expand your opportunities to find a solution that is ideal for your application.

Sierra. Measurably Different.™

For over 50 years, Sierra has been a global pioneer in designing and manufacturing precise flow measurement instruments you can trust. We produce accurate and efficient solutions that control industrial processes, regulate emissions for oil and gas operations, convert waste to energy, create silicon chips that enable advanced technology, and deliver life-saving medicine. With over 150 locations in over 50 countries, Sierra provides innovative flow products and services where and when needed.

Visit [sierrainstruments.com](#).

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