

Press Release

FOR IMMEDIATE RELEASE

Sensors, Inc. to Measure In-Use Emissions at the Automotive X Prize: Knockout Stage Underway



Brooklyn, MI -- June 22 -- Sensors, Inc. will be measuring in-use emissions of competing vehicles in the Knockout Stage of the Progressive Automotive X Prize competition, which is underway at Michigan International Speedway, in Brooklyn, MI. A \$10 million prize awaits the team that meets the challenge to produce a 100 MPGe (gasoline equivalent) vehicle. Twenty-six teams have made it to this Knockout Stage, which takes place over the next two weeks. Sensors, Inc. will be there, measuring the in-use emissions and fuel economy of all of the entrants with internal combustion engines. Sensors will also be available during the X Prize media days on June 23 and June 24, to answer questions about the emissions testing portion of this international event. The teams will begin their mandatory emissions testing on Monday, June 28.



Sensors has outfitted lightweight trailers with the SEMTECH-DS, which will be towed behind each of the internal combustion teams' vehicles. The self contained trailer can easily be swapped from vehicle to vehicle. The DS measures gaseous emissions, and can be used on vehicle engines, including hybrids, that run on gasoline, diesel, or alternative fuels, including ethanol, hydrogen and biodiesel. By monitoring the gaseous constituents in the exhaust, the teams can obtain accurate fuel economy numbers for comparison.



Sensors' Emissions Trailer and SEMTECH-DS Gaseous Emissions Analyzer

Automotive X Prize Background

The X Prize Foundation has partnered with Progressive Automotive Insurance to challenge people from across the globe to bring about a radical breakthrough in vehicle fuel economy. Over forty teams from eleven countries entered vehicles, which



West Philly's Hybrid GT at Shakedown Stage, testing with Sensors' Emissions Trailer

are production capable designs that are intended to reach the goal of 100MPGe (gasoline equivalent) fuel economy. During the Shakedown Stage, which took place at the end of April, emissions testing was optional for the teams. This testing becomes mandatory for both this

Knockout Stage and for the Finals, which is set to take place in July. Twenty-six vehicles remain at the commencement of the Knockout Stage. The prize for this international event is \$10 million.

Sensors' Background

[Sensors Inc.](#) was founded in 1969, and has evolved to become the leader in developing innovative gas analysis technology, primarily for use in the transportation industry. The company has decades of experience and expertise in the design and manufacture of measurement systems that are widely distributed throughout the U.S., Europe and Asia. Sensors Inc. also provides in-field emissions and fuel-economy testing services covering a wide range of applications including, on- and off-road vehicles and equipment, and marine, mining, and power generation systems using internal combustion engines. In 1999, Sensors Inc. acquired Sensors Devices in Germany, ensuring a presence in Europe and expanding its product base to include analyzers for environmental applications. Today, Sensors Inc. has offices worldwide, providing emissions measurement solutions for a global client base. The company's emissions measurement solutions are used by government regulatory agencies and universities, as well as engine and vehicle manufacturers in the U.S., Europe, Japan, China and Hong Kong, for the measurement of CO, CO2, NO, NO2, THC, NMHC, CH4, NH3 N2O, O2 and Particulate Mass in both test cell environments and in on-board, mobile applications.

For more information, please contact:
[Dave Kalen](#), SEMTECH Account Executive

and visit

[Automotive X Prize](#)

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Sensors, Inc. | 6812 State Rd. | Saline | MI | 48176