

TSI Releases Portable Nanoparticle Emission Tester

First of Its Kind Instrument Provides Mobile Solid Particle Measurements

SHOREVIEW, MN, USA, December 12, 2014 /EINPresswire.com/ -- TSI Incorporated, leading manufacturer of precision measurement instrumentation, is pleased to introduce a new portable [Nanoparticle Emission Tester](#) (NPET). The NPET Model 3795 is capable of measuring total solid particle number (PN) emissions from diesel engines equipped with a diesel particulate filter (DPF).



First to meet Swiss Regulation 941.242, the NPET has been specially designed with built-in official measurement protocol for periodic certification of diesel-powered construction machinery. It is also ideally suited for a variety of field measurement applications, including DPF retrofit programs and vehicle inspection and maintenance programs.

TSI's Nanoparticle Emission Tester utilizes proven [CPC](#) technology to accurately and directly [measure PN emissions](#) – the same technology used in both Euro 5 & 6 regulations. Featuring a ruggedized sample probe with built-in dilution, a volatile particle remover and a software program optimized for a Windows® 8 tablet, NPET is easy to set up, operate and obtain measurement results in only 45 seconds.

"Opacimeters are no longer sensitive enough to measure particle emissions from modern diesel engines equipped with a DPF. Using proven CPC technology, the Nanoparticle Emission Tester easily measures particle emissions from low emission vehicles and engines making it well suited to detect cracks or failure of exhaust after-treatment systems, including DPFs," commented Brian Osmondson, TSI Sr. Global Product Manager.

For more information or to contact a TSI representative about the NPET Model 3795, visit www.tsi.com/NPET.aspx.

About TSI Incorporated

TSI Incorporated serves a global market by investigating, identifying and solving measurement

problems. As an industry leader in the design and production of precision instruments, TSI partners with research institutions and customers around the world to set the standard for measurements relating to aerosol science, air flow, health and safety, indoor air quality, fluid dynamics and biohazard detection. With headquarters based in the U.S. and field offices throughout Europe and Asia, TSI has established a worldwide presence in the markets we serve. Every day, our dedicated employees turn research into reality.

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