

TSI Launches ChemLite LIBS Metal Analyzer at ISRI 2014

Lightweight, Safe Instrument Provides Fast Metals Identification

SHOREVIEW, MN, USA, April 7, 2014 /EINPresswire.com/ -- TSI, the leader in [Laser-Induced Breakdown](#) Spectroscopy (LIBS) technology, unveils a ruggedized, [handheld LIBS](#) elemental analyzer specifically designed for fast metals identification in the field.

The [ChemLite LIBS Metal Analyzer](#) features a lightweight, ruggedized NEMA-3 portable enclosure, a large 5" color touch screen, and an eye-safe IR-B, Class 1 laser. The ChemLite laser is powerful enough to remove surface contamination for representative assays yet requires no radiation training or personal protection equipment. TSI is known for designing and manufacturing precision instruments and the handheld LIBS element analyzer brings the right tool to the field: simple point-and-shoot analysis with measurements in seconds. The ChemLite LIBS Metal Analyzer is ideal for analyzing wrought and cast alloy grades, scrap metal sorting identification, incoming material inspection, quality control, and other related measurements – even for light metals like aluminum.

Phillip Tan, Sr. Global Product Manager for LIBS products states, "The ChemLite LIBS Metal Analyzer is a radically new tool for handheld metals analysis. Unlike handheld XRF, the ChemLite LIBS technology offers faster analysis, with no radiation hazard, and uses a laser that cleans off minor contamination. The ChemLite saves scrap yard workers time and money by reducing the time spent grinding and preparing metal surfaces and gets you the metal's chemistry fast."

The ChemLite LIBS Metal Analyzer will be on display at booth 1530 at the 2014 ISRI Conference and Expo.

For more information on the ChemLite LIBS Metal Analyzer, visit (www.tsi.com/MetalsID)

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