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Integrated Camera For Image Capturing and Analysis Added to Niton XL2 XRF Analyzers

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Scrap yard, metal fabrication and non-destructive testing personnel who conduct elemental and alloy analysis using x-ray fluorescence (XRF) can now use a high-performance integrated camera, which has been added as a standard feature on the Thermo Scientific Niton XL2 and Niton XL2 GOLDD XRF analyzers. The new camera will allow users in industries such as aerospace, oil and gas, and transportation to identify the correct point to analyze the metal, including on a specific weld spot or alloy joint.

The new camera will be added without an adjustment in the price of the analyzers, and will allow industrial environment workers to more accurately position the instrument on the area of interest to capture and store an image for review or inclusion in reports. For analysis of inhomogeneous samples, accurate positioning is essential to ensure the area of interest is analyzed thoroughly for its elemental composition.

The Niton XL2 analyzer offers point-and-shoot simplicity to examine metal alloys for scrap recycling or product quality control; carry out grade control, plant operations and near-mine exploration; or screen electronics and consumer goods for lead and other poisonous heavy metals. The Niton XL2 GOLDD analyzer provides enhanced sensitivity and measurement times, as well as light element analysis without helium or vacuum assistance. Both instruments are designed to provide immediate, nondestructive elemental analysis of alloy materials.

For more information about the Thermo Scientific Niton XL2 and XL2 GOLDD XRF analyzers, visit www.thermoscientific.com/niton.