

Press Release

InfraTec GmbH Infrarotsensorik und Messtechnik

Dresden, February 8, 2016

How Smart is Active Thermography?

InfraTec presents opportunities for non-destructive testing

Some time ago, active thermography was a fairly new method of non-destructive testing (NDT). The fact that this technique has long outgrown its infancy will be demonstrated by InfraTec on February 17, 2016 at the 8th iINNOVATIONfORUM for Smart Technologies & Systems by TechnologyMountains. In his presentation "Non-destructive testing by infrared thermography", the Project Director for Thermography systems Markus Glück will discuss, for example, the smooth interaction between thermal imagers, the thermography software IRBIS[®] 3 active and different excitation sources. All components correspond through the trigger and process interface in perfectly synchronized unison with one another.

Benefits like these have been putting the spotlight more and more on active thermography, and have made this topic the focus of conferences such as this one in Donaueschingen. InfraTec will present thermographic measurement systems as smart technology and how with their help processes can be improved and resources saved. In the lecture, Markus Glück will thus make clear exactly how companies can use the latest findings about non-destructive testing to improve the development and manufacturing of their products.

At the accompanying exhibition, InfraTec will present various thermographic systems that are perfect for such tasks and also cover further application areas. In addition to the cooled high-end thermal imagers with fast photon detectors in the ImageIR[®] series, visitors can also experience the latest generation of uncooled microbolometer cameras in the VarioCAM[®] High Definition series live. Lastly, you also have the opportunity to speak directly with experts about how thermographic systems can be adapted for and integrated into various NDT tasks.

Information: 1,849 characters (incl. spaces)

About InfraTec

The InfraTec infrared sensor and measuring technology company was founded in 1991 and has its headquarters in Dresden, Germany. The privately held company employs more than 200 employees and has its own design, manufacturing and distribution capabilities.

Infrared sensors, with electrically tunable filters based on MOEMS, count among the products of the infrared sensor division, next to spectrally single and multi channel infrared detectors. These detectors can be used in gas analysis, fire and flame sensor technology and spectroscopy.

With its Infrared Measurement business unit, InfraTec is one of the leading suppliers of commercial thermal imaging technology. In addition to the high-end camera series ImageIR[®] and the VarioCAM[®] High Definition series, InfraTec offers turnkey thermographic automation solutions.

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