

Press Release

InfraTec GmbH Infrarotsensorik und Messtechnik

Dresden, 07/04/2022

High-Speed Thermography for Testing Rotating Parts

The advantages of Thermal Rotate Check (TRC) for brake test bench and tyre test bench.

The increasing demands for quality and lifetime of wearing parts, new materials and designs in braking systems require profound investigations on the relevant assemblies and components.

With permanent customer input InfraTec has developed the thermography-based test bench solution Thermal Rotate Check (TRC) for the investigation of the thermal behavior during load tests of brake discs and other fast rotating stressed parts. The real-time measurement with TRC allows a contactless and fully synchronized raw data acquisition of thermal state and energy distribution of brake discs during different test scenarios. All thermal active areas, abnormal behavior, and hot spots for both sides of brake disc are automatically displayed and recorded. So, the complete thermal braking process and interaction between brake disc and brake pad can be analyzed and documented. Get an overview of latest hardware and software developments with advantages and samples for this automatic thermographic test solution and interaction with different dynamometers stands in our online event.

Online Event

“High-Speed Thermography for Testing Rotating Parts”

Date: Wednesday, 11th May 2022

Time: 02:00 AM – 03:00 AM (CST) / 08:00 AM – 09:00 AM (CEST)

Registration: <https://register.gotowebinar.com/register/1565461987490711310?source=PR2>

Date: Thursday, 12th May 2022

Time: 01:00 PM – 2:00 PM (EDT) / 07:00 PM – 08:00 PM (CEST)

Registration: <https://register.gotowebinar.com/register/4120239926792409867?source=PR2>

Information: 1,847 characters (incl. spaces)

About InfraTec

The InfraTec infrared sensor and measurement 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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Image



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