



Thermal Imaging Videoscope Family with Two Additional Kits

Teledyne Flir introduces two additions to the VS290 thermal and visual industrial videoscope family – the VS290-33 thermal videoscope kit with MSX and the VS290-21 thermal videoscope kit. The VS290-33 features a rounded dual probe (visual/infrared) for greater flexibility when inspecting underground voids and other high voltage scenarios that require a CAT IV rating. The VS290-21 enables construction and maintenance professionals to perform thermal-only inspection (no visual camera image) of buildings, mechanical and electrical systems in hard-to-reach areas, from crawl spaces to the heart of engines.

With the launch of the VS290 Videoscope Kits, Teledyne The VSC-IR33 and VSC-IR21 probe heads are also available as accessories for existing VS290 customers who already own the VS290 kit with the original VSC-IR32 square-tipped probe. www.flir.de



Compact and Robust X-Ray System

At this year's Control, Yxlon will be presenting a new UX20 X-ray system live. It is primarily designed for use in harsh environments such as foundries, but also offers all the advantages for laboratory use. The large test room ensures that the system is extremely flexible and can be used for a wide variety of test parts and applications. Like all modern Yxlon systems, it is controlled via the Gemini software platform, which enables easy operation without special prior knowledge. The direct change between DR and CT within a test sequence enables targeted test processes.

Optionally equipped with the new 225kV MesoFocus tube, a new resolution and power range is offered that closes the gap between mini and microfocus tubes, making the system ideal for both large and small parts.

www.yxlon.de

Control Hall 7A Booth 7A-515



Digital Microscope in 4K Resolution

Vision Engineering has introduced a new digital microscope. The Makrolite 4K is ideal for professional digital image acquisition, inspection, measurement and archiving. It features 4K image resolution suitable for a variety of complex and high-contrast applications.

Makrolite 4K is a powerful imaging solution intended for use in demanding inspection routines. According to the manufacturer, the digital microscope, which can be operated intuitively, delivers high-resolution video images. The large dynamic range and a magnification of up to 330x ensure consistent image acquisition and further processing. Errors and rejects in samples and components, production or processing errors, preparation or manipulation inconsistencies, etc. quickly catch the eye.

www.visioneng.de

Control Halle 7 Stand 7412



Measurement Software with a New Look

Optisense has given the measurement software OS Manager a completely new interface. The operation is now based on established Microsoft Windows and Office standards and thus enables an intuitive entry into computer-aided measurement technology.

With the OS Manager, measurement data, for example at the end of a shift, can be transferred to the PC in order to archive them. The measurement data is thus securely and permanently documented – and one of the main requirements of modern coating companies is thus met. In addition, calibrations are organized in no time at all. In this way, users can easily create a new application for combinations of coating and substrate.

www.optisense.com

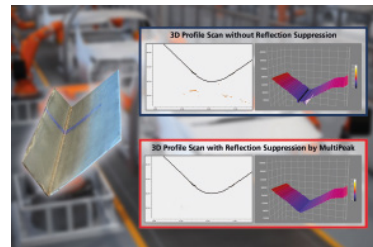


Inexpensive High-Performance Computed Tomography

With the Tomoscope XS FOV 500 from Werth Messtechnik, high-performance computed tomography is now available at the price of conventional 3D coordinate measuring machines. The maintenance-free X-ray tube in monoblock design has a voltage of 160 kV and delivers fast measurement results with an output of 500 W. The device comes with a two-year warranty on the X-ray tube without any shift limits and also enables in-line or in-line measurements thanks to on-the-fly operation and real-time reconstruction. It can be automated and integrated using robot loading and interfaces to most software solutions, and the basic configuration without moving measuring axes is suitable for workpieces up to a size of approx. 200 mm.

www.werth.de

Control Hall 7 Stand 7101



Interference-Free 3D Scans via Laser Triangulation

The 3D scanners CX4090HS of the C6 series from Automation Technology now enable interference-free recording of 3D profile data. Multipeak is the name of this new function.

With Multipeak, highly reflective materials such as metal, plastic or glass can be scanned without interfering reflections. If there are several reflections of the laser on the test surface, the function helps to differentiate between them and output up to four profiles with peak data separately. In this way, multiple laser reflections can be easily checked for plausibility on the application side and, if necessary, eliminated as disturbance variables from the evaluation data. The big advantage: The user receives a clean profile evaluation and can thus improve his quality control. In the automotive industry, for example, Multipeak is used to inspect weld seams on V-shaped sheet steel.

www.automationtechnology.de