

SHOWCASE

INSPECTION POINT LABELS

Consistency in inspection point locations or ultrasonic thickness testing (UTT) measurement locations is vital for reliable UTT results. Here's why:

- **Data repeatability.** Consistency ensures measurements taken over time are comparable, making it easier to track material degradation or changes in thickness.
- **Accurate analysis.** Accurate location data is essential for fitness-for-service (FFS) assessments. Deviations can lead to inaccurate conclusions about equipment integrity.
- **Inspection planning.** Consistency simplifies planning and execution of inspection programs, ensuring all critical areas are examined routinely.

NDT Seals' low-leachable, high-strength labels increase the accuracy of risk-based inspection (RBI) and FFS programs.

NDT SEALS
NDTSEALS.COM



ULTRASONIC TESTING SCANNER

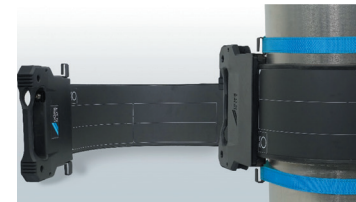
The Axis Scanner and Batt Pack Pro combine to create the ultimate portable B-scan testing solution, offering unmatched versatility and mobility for ultrasonic thickness inspections. The compact Axis Scanner is designed for tight spaces and challenging environments, delivering precise B-scan data with smooth, high-resolution scanning. Paired with the Batt Pack Pro, a battery-powered control unit with an integrated touchscreen interface, this system eliminates the need for external power, enabling truly field-ready inspections. With quick setup, lightweight design, and reliable performance, this pairing provides an efficient, all-in-one solution for accurate thickness evaluations in real-world inspection.

SCANTECH INSTRUMENTS
SCANNDT.COM



PARTNERED CONTENT
TO SEE YOUR PRODUCT FEATURED IN PRODUCT SHOWCASE,
PLEASE CONTACT PETER ROY AT PROY@ASNT.ORG.

BENDABLE DIGITAL X-RAY DETECTORS



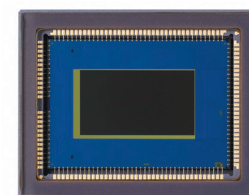
DÜRR NDT has introduced the D-DR 1043B NDT, the latest addition to its bendable digital X-ray detector series, designed for industrial radiography applications. Following the successful launch of the D-DR 1025B NDT, this new model is tailored for weld inspections on large-diameter objects, minimizing exposures and enhancing efficiency. With an active area of 97 × 427 mm, it can inspect a 300 mm pipe weld with just three exposures.

Both models offer continuous bending from flat to 150 mm or 300 mm diameters in one direction, with exposures possible on both sides, enabling versatile use. A simple mounting system allows the detectors to be easily attached to a pipe using two straps and then rotated along the weld seam.

Featuring a pixel pitch of 99 µm and achieving 100 µm spatial resolution, the detectors meet DIN EN ISO 17636-2 (Class B) standards. Ideal for pipelines, tanks, and vessels, they also function in a flat position for straight object inspections.

DÜRR NDT
DUERR-NDT.COM

CMOS SENSORS



The LI7070SAC (color) and LI7070SAM (monochrome) sensors, featuring approximately 2.12 effective megapixels

(1936 × 1096), are designed for security, industrial, and medical applications.

With near-infrared sensitivity increased by 2.4 compared to previous models, these sensors enhance visibility in dark environments, making them ideal for surveillance, traffic monitoring, and industrial inspections. The HDR mode extends up to 120 dB using a double exposure technique, ensuring high-quality imaging in challenging lighting conditions.

Additionally, the LI7070SAC and LI7070SAM deliver outstanding low-illumination performance, capturing full-HD video at just 0.08 lux and 0.04 lux, respectively. Their compact design and high sensitivity make them suitable for nighttime surveillance, underwater drones, and medical imaging applications.

CANON USA
CANON-CMOS-SENSORS.COM

X-RAY IMAGING SYSTEM PACKAGE



The new DXM Sub System package combines Spellman's high-performance DXM series generator with all the necessary accessories to be fully operable right out of the box for low-power NDT imaging applications.

The original DXM unit is used across industries for tasks such as electronic component inspection, food process inspection, and pharmaceutical manufacturing and packaging, and is widely recognized for its reliability in 0.3 kW to 1.2 kW X-ray inspection. Building

on this, the new package offers a wide range of high-quality X-ray tubes from leading suppliers RTW and Comet X-Ray, as well as all necessary cables, hoses, and fittings. It also provides the flexibility for customers to choose components that best suit their needs without being restricted to specific suppliers. The system includes a two-year warranty (prorated for the X-ray tubes) and offers one-call support.

SPELLMAN
SPELLMANHV.COM

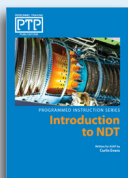


Show us your products! Newly released equipment, instruments, software, and other products designed for use in NDT work can be submitted to press@asnt.org. Submissions should include a writeup and high-res image.

Ignite your curiosity. Learn new skills.

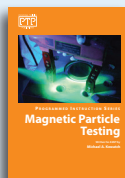


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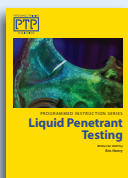
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JOBS OF TOMORROW DOCUSERIES



The world of work is changing as technology reshapes industries at an unprecedented pace. ASNT is excited to be featured in a new docuseries that highlights innovative careers shaping the future workforce. ***Jobs of Tomorrow: A Docuseries on the Future of NDT Careers*** is a six-episode series that explores the role of nondestructive testing (NDT) in transforming industries and creating new career opportunities.

This season focuses on how NDT is revolutionizing safety and technology, showcasing the exciting prospects in an industry where innovation meets purpose. Each episode features the impact of NDT across various sectors. These videos are available on ASNT's website and on the YouTube channel ASNT Info.

[YOUTUBE.COM/ASNTINFO](https://www.youtube.com/asntinfo)

REPORT ON HOW RESEARCHERS USE AI

As artificial intelligence increasingly impacts the publishing industry, publisher Wiley sought to understand how researchers are using AI now and how they might in the future. They surveyed nearly 5000 researchers worldwide, focusing on specific use cases to gather practical insights and explore the potential role of scholarly publishers in an AI-enhanced future. The results are available in **ExplanAltions**, a free, downloadable report.

[WILEY.COM](https://www.wiley.com)

EBOOK ON MACHINE VISION PROTOCOLS

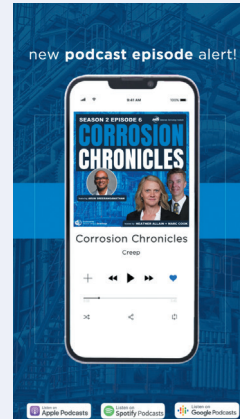


Machine vision is quickly revolutionizing industries by enabling systems to process, interpret, and respond to visual data with remarkable precision and speed. As automation, robotics, and AI continue to shape modern industries, machine vision is becoming an essential technology in sectors like manufacturing, healthcare, automotive, and security and defense. As applications grow increasingly complex, there is a rising need for advanced protocols that can manage high-speed data transfer, real-time processing, and seamless interoperability across devices.

Pleora Technologies has released an **ebook, *Emerging Protocols in Machine Vision***, that examines nine cutting-edge protocols and technologies that are driving the future of imaging systems. These protocols, including RoCEv2, Thunderbolt, and PCIe, tackle challenges such as latency, bandwidth, and scalability. By enhancing machine vision's performance and flexibility, they help enable smarter, faster, and more integrated systems. The ebook delves into the technical features, real-world uses, and potential challenges of each protocol, providing valuable insights for engineers, developers, and decision-makers.

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CORROSION TESTING PODCASTS



In the sixth and seventh episodes of Season 2 of *Corrosion Chronicles*, co-hosts Heather Allain and Marc Cook discuss **creep in the context of chemical facilities** with Arun Sreeranganathan, principal at Stress Engineering Services, and **failure analysis and incident response** with Gary Whittaker, a retired Engineering Fellow from Eastman Chemical and MTI (Materials Technology Institute) Fellow.

In Episode 6, Sreeranganathan defines what creep is and chats with the hosts about creep in plastics, contrasting creep with stress relief cracking (SRC), how creep data is developed, how ASME code handles the subject, and methods for determining remaining life from creep.

In Episode 7, Whittaker recounts some past failures in which he was involved in failure analysis, including an API storage tank that leaked and contaminated a nearby river, and some alloy piping that had endured stress cracking. **ME**

[MTIPODCAST.PODBEAN.COM](https://mtipodcast.podbean.com)

We want to hear from you! Has your organization published a new book, video, podcast, or other form of media related to NDT? Submit a writeup along with a high-res image to press@asnt.org for a chance to be featured in our New Media section!