CarestreamNDT

INDUSTREX HPX-ARC 1025 PH Digital Solution

The INDUSTREX HPX-ARC is a revolutionary, bendable digital radiography (DR) design. It conforms to various objects and quickly delivers the high-resolution images you need for game-changing speed and certainty.

Bending the Limits of DR.

HPX-ARC

The INDUSTREX HPX-ARC delivers NDT DR imaging in a smooth and bendable design. With bendable DR technology, customers will realize easier set-up, faster time to image, less dose required to capture images, and instant image processing versus film or CR.

The HPX-ARC Advantage: improve productivity by increasing inspection throughput rates.

The HPX-ARC has the flexibility to go from a flat position down to a 2-inch diameter to get next level images instantly. No film, no chemistry, and no plates.

You get an incredibly simpler workflow and instant access to images that drive better operational outcome.

High Image Quality

98 µm - for better defect recognition and code compliance.

Adaptability to Various Applications and Positioning

HPX-ARC is available in 4 x 10 inch size (10 x 25 cm) with a slim profile to image over and around objects, even in tight places.

Instant Image Access for Rapid Analysis

Instant image access allows technicians to validate IQI sensitivity and radiograph compliance while at the weld. Reshots and repair markings can now be completed before moving to the next inspection point, eliminating the need to return to previous inspection points that often occurs when using CR or film.

Durable Design for Field Use

Built for the rigors of NDT field inspection, the HPX-ARC is field tested and includes a flexible IP67 enclosure to protect against water, liquids, and dust.

For a Safer Environment

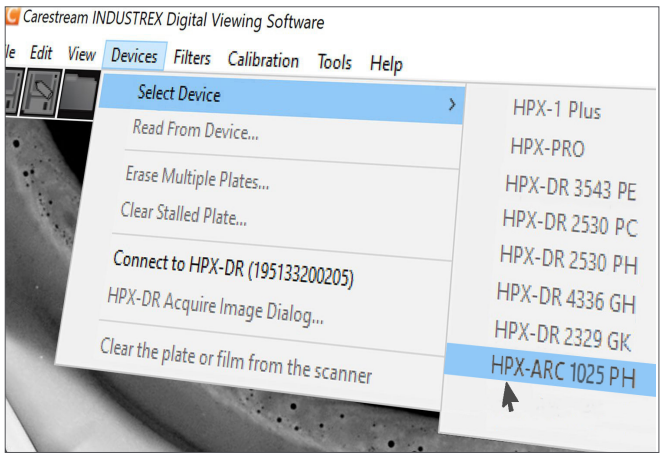
Reduce radiation exposure, exclusion zone size, and chemicals risks associated with film processing.

Variety of Radiation Sources

The HPX-ARC can be used with Gamma and X-ray.

Ideal for Oil & Gas, Power Generation, and Aerospace & Defense

Seamlessly Works with all-in-one INDUSTREX Digital Viewing Software. For reduced training time and expense, and faster integration into existing workflow.



Powerful INDUSTREX Digital Viewing Software

The HPX-ARC runs on INDUSTREX Digital Viewing Software, an all-in-one software enabling customers to standardize on one software platform both CR and DR inspection.

The software platform was developed for ease-of-use to reduce operator training and equipment on-boarding time, thus reducing risk of error and increasing profitability.

Further operating cost reductions are realized with the suite of image process automation tools to streamline the inspection process and increase production rates.

INDUSTREX Digital Viewing Software provides the ideal solution for easy integration, high-resolution defect detection and analysis, and rapid analysis reporting.

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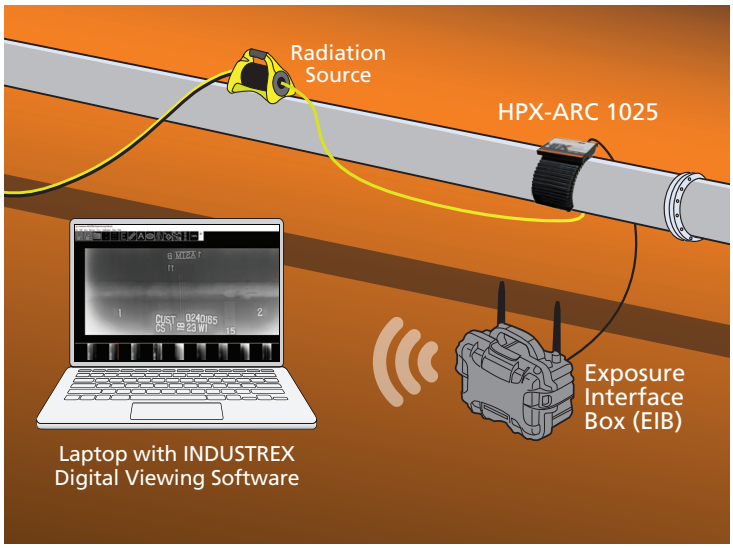
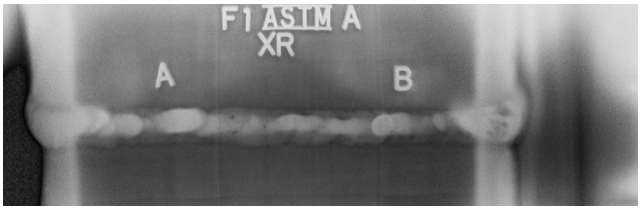
SPECIFICATIONS

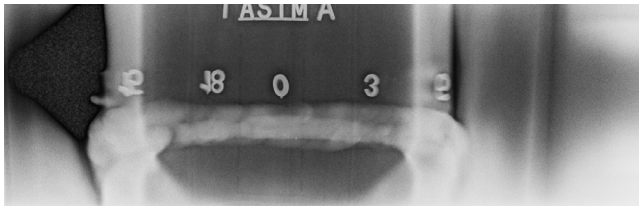
MECHANICAL		
Size 4 x 10 (in)	Active area: Weight:	4 x 10 in, 10 x 25 cm 4.2 lbs, 1.9 kg.
Bend Diameter	2 in. NPS (or 2.375 in. 60 mm)	
Pixel Pitch	98 µm	
A/D Conversion (bits)	16	
WIRELESS SYSTEM		
Network Type	Isolated Private Wireless LAN (WLAN)	
Wireless Protocol	TCP/IP, IPv4/IPv6	
ENVIRONMENTAL		
Temperature Range (°C)	Operating -20 to +60 Ambient-Storage (-10 to +66)	
Relative Humidity	Storage 10 - 86%	
Non-Condensing	Storage 10 - 86%	
Vibration	ASTM D4169 Truck and Air Level II	
Ingress Protection	IP67	

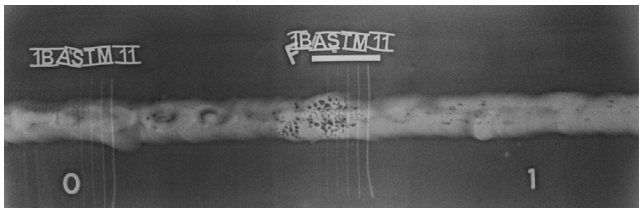
HPX-ARC 1025 PH DIGITAL SOLUTION



HIGH-RESOLUTION IN THE LAB OR IN THE FIELD







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WE'RE BETTER TOGETHER.

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