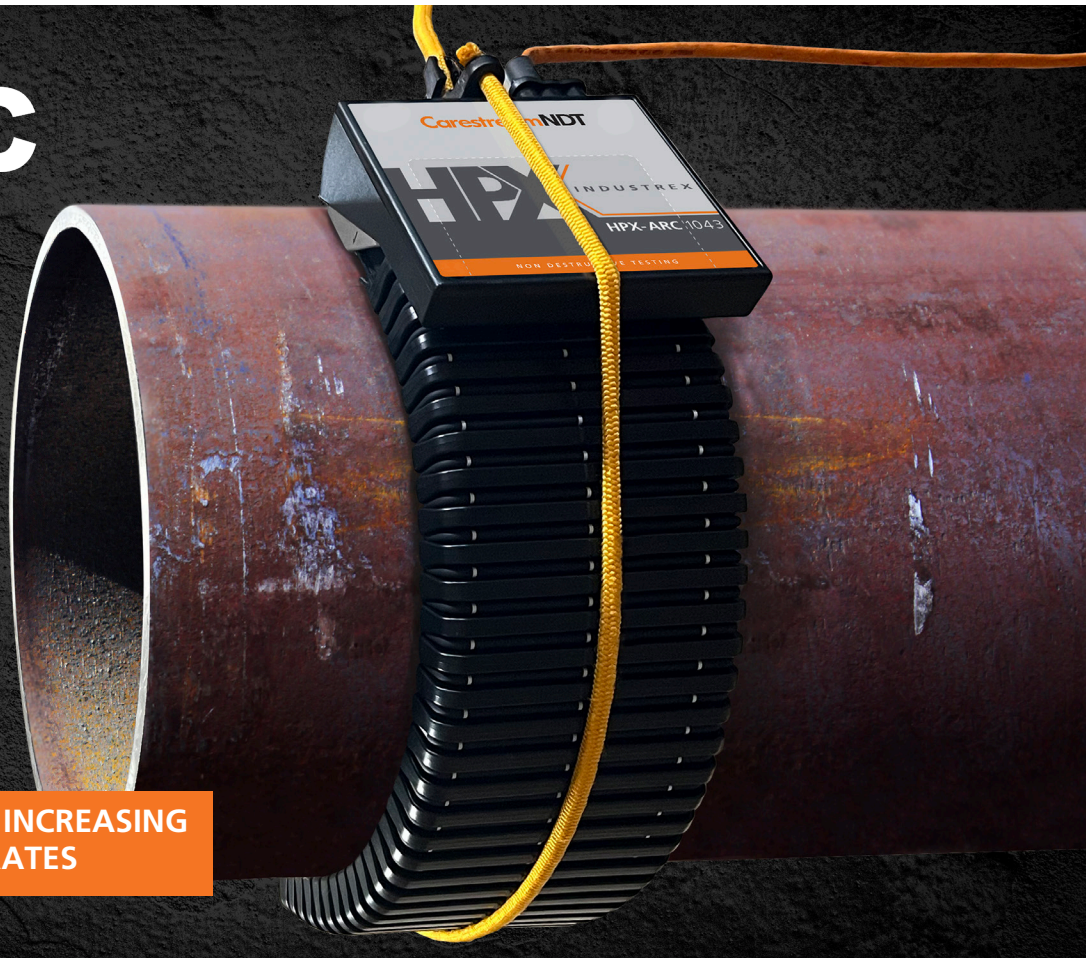
HPX-ARC

BENDING THE LIMITS OF DR

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.



IMPROVE PRODUCTIVITY BY INCREASING INSPECTION THROUGHPUT RATES

The INDUSTREX HPX-ARC 1043 PH is a 98 µm detector that delivers high-resolution images for better defect recognition and code compliance 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.

It has the flexibility to go from a flat position down to a 4-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.

Ideal for:

- **Oil & Gas**
- **Power Generation**
- **Aerospace & Defense**

Adaptability to Various Applications

The HPX-ARC 1043 is 4 x 17 inches (10 x 43 cm) with a slim profile to image over and around objects, even in tight places.

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.

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.

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.

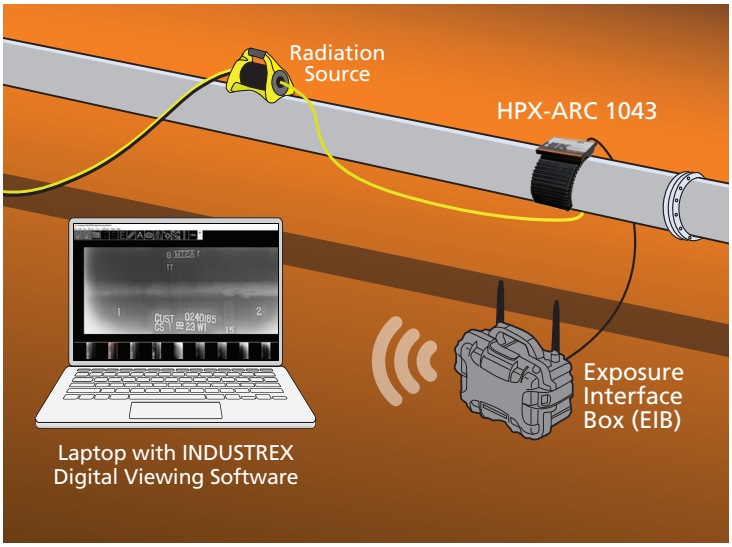
Seamlessly Works with all-in-one INDUSTREX Digital Viewing Software. For reduced training time and expense, and faster integration into existing workflow.

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.

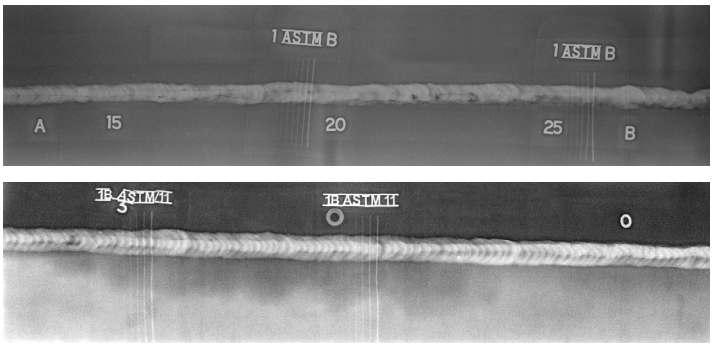
SPECIFICATIONS

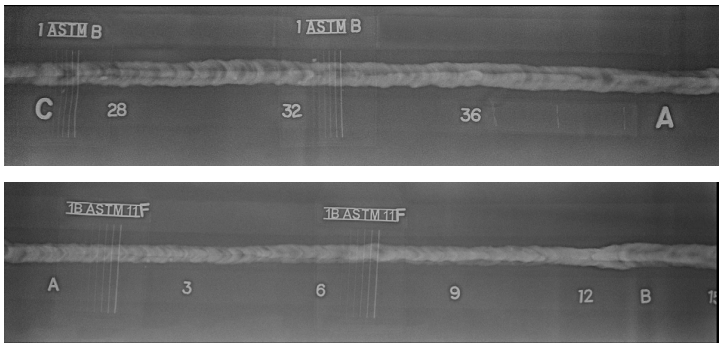
MECHANICAL	
Size 4 x 17 (in)	Active area: 4 x 17 in, 10 x 43 cm Weight: 5.7 lbs., 2.6 kg
Bend Diameter	4 in. NPS (or 4.5 in. 114mm OD)
Pixel Pitch	98 µm
A/D Conversion (bits)	16
WIRELESS SYSTEM	
Network Type	Isolated Private Wireless LAN (WLAN)
Wireless Protocol	TCP/IP, IPv4/IPv6
ENVIRONMENTAL	
Temperature 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 1043 PH DIGITAL SOLUTION



HIGH-RESOLUTION IN THE LAB OR IN THE FIELD





Reducer weld

CARESTREAM NDT AND YOU. WE'RE BETTER TOGETHER.

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