



Scan Digital Radiography

AN IDEAL REPLACEMENT FOR CONVENTIONAL RADIOGRAPHY

Acuren is introducing Xpress Scan digital radiography to the pipeline industry for examination of girth welds. Xpress Scan – Scan Digital Radiography (SDR) provides instantaneous results, as it scans circumferentially around the pipe utilizing a stop and acquire motion that is less susceptible to image vibration.

The Xpress Scan uses advanced x-ray generation and detection technology to produce true Digital Radiography where the x-ray image is displayed and analyzed in real time and digitally stored as the image is being captured. With the highest resolution, faster cycle times than conventional radiography, immediate results and no impact on the environment.

The Xpress Scan is available from Acuren for use on pipe diameters from 12" to 72" in two basic configurations: Fully External Double Wall Single Image and Internal Crawler based Single Wall Single Image systems.



For use on pipe diameters from 12" to 72"

WHY ACUREN?

The Xpress Scan Digital Radiography system provides:

- Lower inspection costs by eliminating consumables, film processing equipment and film storage facilities
- Compatible with gamma isotope, x-ray source and x-ray crawler
- Wireless system that is light weight and portable
- Immediate inspection results obtained real time making it easier to communicate and welding issues for correction to avoid more defects
- Also virtually eliminates the possibility of rework
- Images are CSA, ASME Code and DICONDE compliant
- Image processing and archiving using XVu software
- No environmental impact



Benefits of the system include:

- Increased productivity due to Reduced cycle times
- Higher image contrast sensitivity enabling detection of finer defects
- Instant imaging stored on hard drives and easily uploaded and transferred electronically for in-house, client or third party quality audits
- Weld interpretation is easier and more accurately dispositioned with the functionality that the software provides
- Image acquisition unit has onboard data storage for back up
- Weld files stored electronically, no need to spend extra monies on conventional film storage or digitization
- DR is environment friendly since there is no chemical processing required and therefore no need to dispose of hazardous waste

CONTACT OUR EXPERTS TODAY

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BEYOND INSPECTION