



# Bendable Digital Radiography Panel

## General description

- Xpress Flex is the world's first flexible digital radiography detector that can be contoured around an object for direct contact of the imaging area
- Its hinged design allows the detector to move freely while not impacting image quality or product durability
- This flexibility means the detector can be shaped around more complex objects eliminating distortion that can come from using a flat DR panel
- The TFT detector is rugged and sensitive enough to capture images using even low exposures
- Isotopes with low curies (less than 30) still produce weld quality images on the Xpress Flex, allowing you to utilize your sources longer and reduce the exclusion zones dramatically

## Technical breakdown

- Wired or wireless, battery operated
- 140 Micron resolution, 16 bit
- Active image area: 10 cm x 32 cm (4in x 12.7in)
- XVu software
- Utilized with gamma and/or X-ray energies, either signal wall or double wall exposure



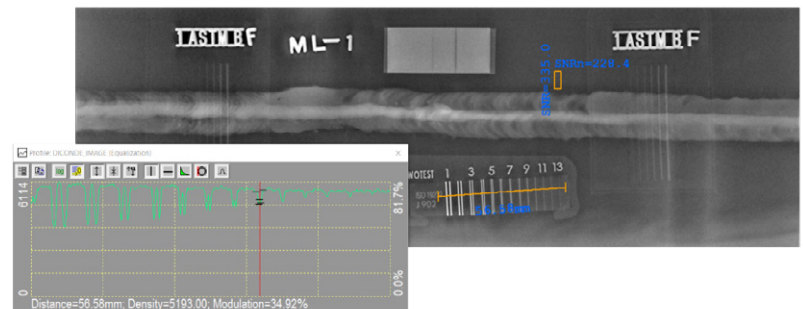
Side view

Top view

## WHY ACUREN?

### Key benefits of Flex Panel

- DR Images are CSA, ASME Code and DICONDE compliant
- Real time acquisition, ready for review as soon as exposure terminated, limiting any rework
- Instant imaging stored on hard drives and easily uploaded and transferred electronically for in-house, client or 3rd party quality audits
- Weld interpretation is easier and more accurately dispositioned with the functionality that the software provides
- Utilizes the use of lower strength isotopes and lower tube voltage which reduces the area required for radiation barriers
- There is no need to spend extra monies on conventional film storage or digitization
- Lower exposure time and isotope activity/tube voltage, and increased productivity as compared to conventional radiography
- DR is environment friendly since there is no chemical processing required and therefore no need to dispose of hazardous waste



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