



PORTABLE NDT SOLUTIONS

ASSISTED DEFECT RECOGNITION

AUTO PIPE WALL MEASUREMENT

Oil and Gas industry follows strict standards to maintain safety and proper functioning of pipelines. **Pacific NDT** deploys cutting edge Digital Radiography Imaging solutions to analyze pipeline structure & integrity. These are advanced digital solutions that are extremely efficient and can significantly reduce cost while producing results at tremendous speed compared to conventional film techniques.

In Oil and Gas industry, the process of gaining acceptance for a new testing method takes time. Main challenge lies in validating the quality of the digital radiography panel, Software & X-Ray radiation regulatory requirements.

That's where **Pacific NDT** can provide step-by-step guidance based on our 15 years of experience in Imaging. We help new clients through all the regulatory hurdles that can vastly vary based on your location (state/country).

PiX Software with its "SINGLE CLICK" process makes acquiring images very easy. When you launch the software, detector and x-ray are **auto-connected**. Just press "CAPTURE" to wirelessly trigger X-Ray, acquire image & display on the tablet (or laptop) for immediate review and analysis.



PIKENA OIL & GAS SOLUTION INCLUDES:

PACIFIC DR PANEL

(available in different sizes)

X-RAY SOURCE

(determined depending on scope of project)

RHINO DR ARMOR

CUSTOM TRIPOD STANDS

(for DR and XRAY)

RUGGEDIZED LAPTOP OR TABLET



PiX SOFTWARE

(for Image acquisition, storage and transfer)

ADVANCED IMAGE OPTIMIZATION FILTERS

PiX TRIGGER BOX

(wireless x-ray control)

PiX CONTROL BOX

(wireless x-ray and DR control)

ADDITIONAL FIELD UPGRADES:

1. Robu Module
2. Manual Pipe Mount
3. Pipeline Crawler Frame

PRIMARY BENEFITS

- Detects corrosion (Internal & External)
- Detects erosion (Internal)
- Measure pipe wall thickness
- Analyze weld quality
- Physical Damage Assessment

WHERE TO USE

- New Weld Construction
- Steel and Carbon Steel Pipes (2" - 24")
- Boiler Pipelines
- Orbital Weld Inspection
- Pipeline Integrity Inspection



REASONS TO CHOOSE PACIFIC NDT

- Lowest Radiation Possible
- U.S. Based Customer Support
- Plug & Play Solution
- Single Click Image
- Full-field AED & Trigger Mode
- Rugged Rhino protective Armor
- Low Power Consumption
- High Sensitivity Mode
- Suite Of NDT Tools (including ADR)

PiX SOFTWARE FEATURES*

ZOOM, PAN, ROTATE, FLIP	IMAGE STORAGE, IMPORT/EXPORT, DICOM
TEXT, SHAPES, DISTANCES, AREAS	LINE PROFILE, DUPLEX WIRE
INVERT, WINDOW/LEVEL, HISTOGRAM	SMART STITCHING
CROP, MASK, ROI, OVERLAY	ROI STATISTICS, SNR, CNR
BEST FIT, 1:1 DISPLAY, SPLIT DISPLAY	IMAGE PROCESSING, FILTERS, EMBOSING, PSEUDOCOLOR
UNDO, REDO, RESET, PRESENTATION STATES	IMAGE DATABASE MANAGEMENT SYSTEM
CONFIGURABLE UI, MULTI-LANGUAGE	REPORT WRITER
DICOM COMPLIANT	AUTOMATIC PIPE WALL THICKNESS MEASUREMENT

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