

PiX Pikena™

OIL & GAS IMAGING SOLUTIONS



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.





PiX Pikena[™]

OIL & GAS IMAGING SOLUTIONS

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

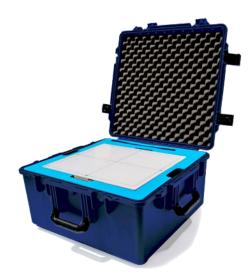
(for Image acquisition, storage and transfer) **ADVANCED IMAGE OPTIMIZATION FILTERS PIX TRIGGER BOX** (wireless x-ray control) **PIX CONTROL BOX** (wireless x-ray and DR control) **ADDITIONAL FIELD UPGRADES:**

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

PRIMARY BENEFITS

- ٠ Detects corrosion (Internal & External)
- Detects erosion (Internal) ٠
- Measure pipe wall thickness •
- Analyze weld quality

Physical Damage Assessment



WHERE TO USE

- New Weld Construction
- Steel and Carbon Steel Pipes (2"- 24") ٠
- **Boiler Pipelines** •
- **Orbital Weld Inspection**
- **Pipeline Integrity Inspection**

PIX SOFTWARE FEATURES*

| ZOOM, PAN, ROTATE, FLIP | IMAGE STORAGE, IMPORT/EXPORT, DICONDE |
|--|---|
| 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, EMBOSSING, PSEUDOCOLOR |
| UNDO, REDO, RESET, PRESENTATION STATES | IMAGE DATABASE MANAGEMENT SYSTEM |
| CONFIGURABLE UI, MULTI-LANGUAGE | REPORT WRITER |
| DICONDE COMPLIANT | AUTOMATIC PIPE WALL THICKNESS MEASUREMENT |
| | |









REASONS TO CHOOSE PACIFIC NDT

- Lowest Radiation Possible
- **U.S. Based Customer Support** •
- Plug & Play Solution ٠
- Single Click Image ٠
- Full-field AED & Trigger Mode •
- **Rugged Rhino protective Armor** •
- Low Power Consumption •
- **High Sensitivity Mode**
- Suite Of NDT Tools (including ADR)

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