



PACIFIC 
NDT
NEXT LEVEL IMAGING

PiX PikenTM

DIGITAL IMAGING SOLUTIONS



PORTABLE NDT SOLUTIONS

CLOUD IMAGE ARCHIVING

MULTI FRAME CAPTURE

PiX Piken HD is our lightest, smallest and highest resolution imaging solution. This unique imaging system comes complete with our advanced rugged armor designed for portable use. Inspired by mobile case dedicated to protect your technology from harsh environments, our case is quick to mount and adds substantial protection to the detector's IP67 rating. With a scanning resolution of 76 microns and a weight of 2.7 lbs (minus armor), the system allows the ability to image in tighter spots & improved accessibility during CUI (Corrosion Under Insulation) inspection.

PiX Piken HD allows Multi Frame Capture (MFC) and advanced software averaging to reduce the noise and improve Signal to Noise Ratio (SNR). It has shown tremendous results while imaging Aerospace parts as well as during Pipeline integrity inspection (clearly identify corrosion, erosion, shrinkage cracks, measure wall thickness etc).

PiX Software with its **"SINGLE CLICK CAPTURE"** process makes acquiring images very easy. When you launch the software, detector and x-ray are **auto-connected**. Just press **"READY"** & image is acquired within a few seconds & wirelessly transferred on the tablet (or laptop) for immediate review and analysis.

Pacific NDT supports its portfolio of DR, CR & CT digital imaging devices using Pix NDT Software & is optimized for touch screen Windows tablets and laptops for image acquisition, analysis, and viewing.

PiX Pikena Imaging Sample
Aerospace Connector



PiX Pikena Imaging Sample
Oil & Gas (Corrosion under Insulation)



WHERE TO USE

- New Weld Construction
- Electronics Inspection
- Aerospace Applications (HD use)
- 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 Capture
- Full-field AED & Trigger Mode
- Rugged Rhino protective Armor
- Low Power Consumption
- High Sensitivity Mode
- Suite Of NDT Tools (including ADR)

PRIMARY BENEFITS

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

LOW NOISE (HIGH SNR)

MULTIPLE IMAGE AVERAGING

PIX SOFTWARE FEATURES*

TECHNOLOGY	A-SI TFT WITH PHOTODIODE
IMAGING AREA (MM & INCH)	97x233 mm (3.8"X9.1")
PIXEL MATRIX	3072 X 1280
PIXEL PITCH (MM)	76 Microns (Binning 152 Microns)
A/D CONVERSION	16-BIT
OPERATIONAL TEMPERATURE (°C/°F)	0-45°C (32-113°F)
DATA INTERFACE	1G ETHERNET / WI-FI 802.11 N/AC
EXTERNAL DIMENSION (WITHOUT ARMOR)	335x132x30 mm
EXTERNAL DIMENSION (WITH ARMOR)	345x160x40 mm
EDGE SPACE (MM)	6 mm
INGRESS PROTECTION	IP 67
WEIGHT (LOW KV APPLICATION)	2.7 LBS
WEIGHT (HIGH KV APPLICATION)	4.9 LBS
WEIGHT (WITH ARMOR/LOW KV)	4.5 LBS

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
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NDT Supply.com, Inc.
7952 Nieman Road
Lenexa, KS 66214-1560 USA
Phone: (913)-685-0675
Email: sales@ndtsupply.com