

PiX MINI HD Cabinet X-Ray System

Pacific NDT is excited to introduce its stationary cabinet based X-Ray solutions along with its field proven successful portable imaging systems.

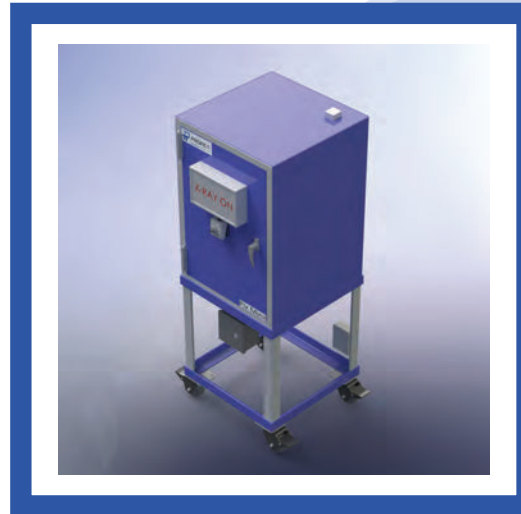
Our cabinet solutions come in 3 different sizes.

1. **PiX Micro HD**
2. **PiX Mini HD**
3. **PiX Macro HD**

This brochure focuses on **PiX MiniHD. This solution is ideal for use in the Aerospace industry. If you are looking for high resolution X-Ray images, look no further.*

PiX DR Specifications

1	Technology	a-Si TFT with Photodiode
2	Imaging Area (mm & inch)	233x97mm (3.8"x9.1")
3	Pixel Matrix	3072 x 1280
4	Pixel Pitch (µm)	76µm (Binning 152 µm)
5	A/D Conversion	16-bit
6	Operating Temperature (°C/°F)	0-45°C (32-113°F)
7	Data Interface	1G Ethernet / Wi-Fi 802.11 n/ac
8	Ingress Protection	IP67
9	Multiframe Capture	Yes (up to 20 frames)



CRITICAL FEATURES:

1. Smallest form factor
2. Highest pixel pitch Detector
3. Small Focal spot x-ray for extreme sharpness
4. Adjustable SID
5. Radiation control using non-lead technology.
6. High penetration power
7. Robust design
8. Large battery capacity (runs with Mains also)
9. Designed for optimal cooling characteristics
10. Safety Physical safety interlock with key
11. Audible and visible warning signs
12. **Designed, Assembled and shipped from USA**

Contact us for a demo and check out our advanced cabinet based X-Ray solutions.
www.PacificNDT.com | Sales@PacificNDT.com or give us a call at +1 323 397 8254

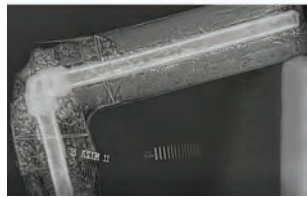
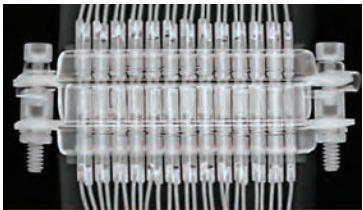
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X-RAY Specifications

1	Waveform	Constant Potential
2	Output Range	40 kV to 160 kV
3	Output Current	0.1 mA to 1.0 mA
4	Maximum Power at Anode	160 W
5	Focal Spot Size	0.4 mm
6	Beam Angle	Cone Beam (40°)
7	Communication Protocols	Wireless 802.11 2.4 GHz and Wired TCP/IP Ethernet
8	Steel Penetration	16-18 mm (160 kV, 0.5 mA, 7.5 sec)
9	Operating Temperature	-3°F to 122°F (-10°C to 50°C)

Software Features

1	Controls X-Ray from Software (adjust mA, kV, duration)
2	Control multiple X-Ray systems (pulse and constant potential)
3	Control digital detectors of different sizes and resolution
4	Multi-frame image capture
5	Image Averaging
6	Image Measurement Tools
7	Image Annotation Tools
8	Advanced Image Filters (SNR, CLAHE, Edge, Emboss, Sharpen etc)
9	Report Writer, Image Profiler & lots more
10	Multiple Language Support
11	Friendly & customizable User Interface
12	Assisted Defect Recognition (add on feature)
13	Smart Stitching (add on feature)
14	Custom Software Feature Additions
15	Automatic Pipe Wall thickness measurement (add on feature)
16	Image Calibration & Bad Pixel Map Correction
17	Fully Diconde Compliant
18	Immediate Image Sharing (jpg, png, dcm, dcn, tiff formats)
19	Cloud Image Viewer SW (add on feature)
20	Standard SW warranty and support contract with every license



We specialize in customization. We always request samples from client before determining what X-Ray or Detector will work best for the desired application. Choose from over a dozen options controlled using our reliable SW. Specs in the brochure can change depending on the requirement.

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