PACIFIC NDT
NEXT LEVEL IMAGING

COMPUTED RADIOGRAPHY

COMPUTED RADIOGRAPHY

RUGGEDIZED LAPTOP OR TABLET

PiX ACQUISITION SOFTWARE

ADVANCED IMAGE PROCESSING

Pacific NDT specializes in providing customized solutions for **NDT** and **Security Imaging**. Our systems are rugged, portable, easy to use and service

Pacific NDT specializes in high quality x-ray imaging solutions for industrial and security use. Headquartered in the Pacific Northwest (Seattle, WA), we take pride in delivering quality products assembled & manufactured in the USA. With over 15 years experience the optimization of **CR** for industrial and security applications, **Pacific NDT** will guide you to an imaging solution that will exceed the demands of the harshest non-destructive testing environments.

We offer a range of **Computed Radiography (CR)** solutions powered by our **Acquisition Software (PiX)**. The **PiX Software** is built around a *"SINGLE CLICK"* workflow ensuring an ultra- efficient approach to acquiring images. Simply launch your **PiX Software** and insert the imaging plate provided into the **CR** scanner and press *"ACQUIRE"*. The imaging plate will scan within a few seconds and transfer the digitized image to our **Ruggedized Tablet** for instant review and analysis. Our **CR** systems and **PiX Software** ecosystem cover a wide range of applications including **Aerospac**e, **Oil & Gas**, **Powerline**, **Pipeline Integrity**, **Concrete**, **Security**, **Automotive**, **Battery Inspection** etc.

The **PiX Software** is available in **English**, **Spanish**, **Portuguese**, **German** & **Chinese**. Local language software is available upon request. To learn more, review the backside of this brochure to see our **CR** offerings.

COMPUTED RADIOGRAPHY

IR-192 SPECIFICATIONS *

25 Microns | 10 Lpmm | 29 Pounds

Grayscale Resolution	16 bits/pixel source file, 65536 shades of gray
Pixel Pitch	50, 100, 150, 200
Scanning Process	True Flat Scan Path, Magnetic Drive Belt
Weight	29 lbs (13.15 kg)
Dimensions	W18" x D27" x H7.625"
Throughput	76 IP plates per hour (4.5 x 10)
Feed Mechanism	Removable and Extendable Feeding Trays
Material Size	Up To 5" x 96" Scan Area, Compatible with Multiple Plate Manufacturers
Power Source	100-240V AC/ 2.5A max; 47-63Hz (Universal power supply)
Interface	USB 2.0
Heat Generation	Standby 230W, maximum 1610W
Operating Conditions	Temperature; 0-40°C/32-105°F, temperature change: 0.5°C/min, humidity: 15%-95% RH, magnetic fields: max 1260 µT (in conformance with EN 61000-4-8: level 3), 10 A/m
Light / Sensor	Diode / PMT
Erase Method	Automatic, LED
Network	DICONDE Compliant
Operating System	Windows 10, 11 - 64-Bit

IR-192 is a compact, rugged, high resolution imager designed specifically to aid in inspecting pipe welds, joints, and potential fractures in the surfaces of industrial lines. The image conveyor can work with phosphor plates up to 96" long and 5" wide, allowing for the imaging of pipes of multiple diameters. **IR-192** is light enough to be carried into the field and operated by a portable power supply.

PiX Software delivers a complete solution for industries like: Pipeline Inspection, Aerospace, Concrete, Security, Powerline/Utility, Transmission & other Industrial facilities. It has a complete range of SW features categorized in to following:

- Viewing Tools
- Measurement Tools
- Post processing Filters
- Specialized Modules
- Report Writers
- Processing algorithms for different industries etc.

C-60 SPECIFICATIONS *

50 Microns | 10 Lpmm | 56 Pounds

Grayscale Resolution	16 bits/pixel source file, 65536 shades of gray
Pixel Pitch	50, 100, 150, 200
Scanning Process	True Flat Scan Path, Magnetic Drive Belt
Weight	56 lbs (25.4 kg)
Dimensions	W39.3" x D13" x H8" (W99.82cm x D33.02cm x H20.32 cm)
Throughput	60 IP plates per hour (14 x 17)
Feed Mechanism	Flatbed Hard Cassette and Flexible Cassette Option
Material Size	14" x 17" (35 X 43 cm), 10" x 12" (25 X 30 cm)
Power Source	100-240V AC/ 2.5A max; 47-63Hz (Universal power supply)
Interface	USB 2.0
Heat Generation	Standby 230W, maximum 1610W
Operating Conditions	Temperature; 0-40°C/32-105°F, temperature change: 0.5°C/min, humidity: 15%-95% RH, magnetic fields: max 1260 µT (in conformance with EN 61000-4-8: level 3), 10 A/m
Light / Sensor	Diode / PMT
Erase Method	Automatic, LED
Network	DICONDE Compliant
Operating System	Windows 10, 11 - 64-Bit

C-60 is a versatile, rugged, high resolution imager primarily used on industrial sites and security applications, assisting in the detection of corrosion in pipes and containers due to hazardous fluids and imaging of potentially explosive objects in a secured environment. The **C-60** provides a safe, sure-fire solution compared to other similar products in its field, and can be easily serviced on the job site. The **C-60** is built to last at an affordable price.

WHY CHOOSE PACIFIC NDT

- US based manufacturer focused on high quality and service.
- Global install base.
- DICONDE compliant SW.
- Single SW controls 12 different hardware solutions (CR, DR & CT).
- Free on-site demos (when possible) and post sales installation and training.
- Solutions ranging from 15 microns to 200 microns pixel pitch.
- Static, Dynamic and Real time solutions available.
- Trustworthy & reliable customer support.
- Complete engineering and design done in US.
- Proven performance in 19 countries and counting.

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