HDX International

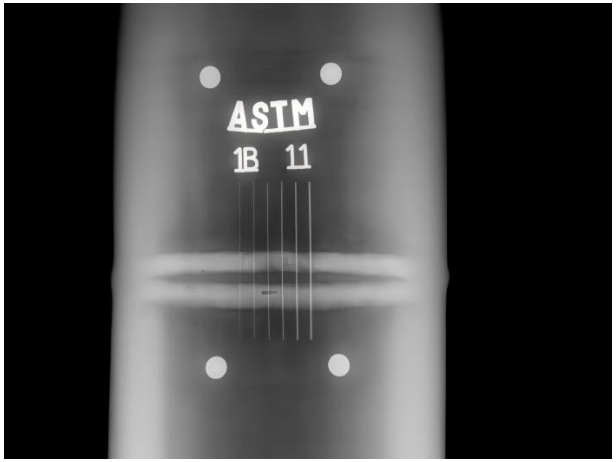
PX3-N PORTABLE X-RAY SYSTEM

PRODUCT OVERVIEW

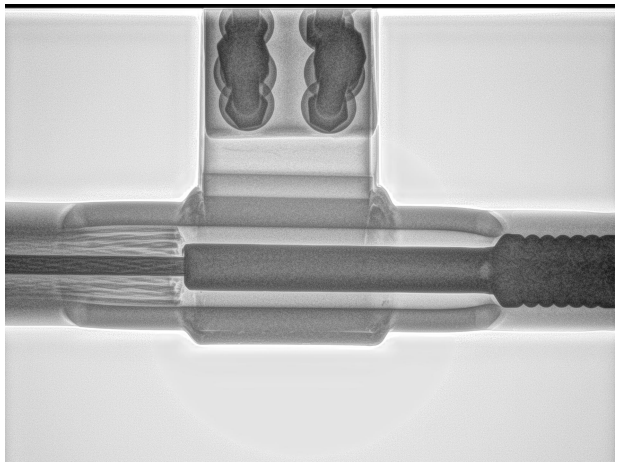
hdxinternational.com | sales@ihongde.com

APPLICATIONS

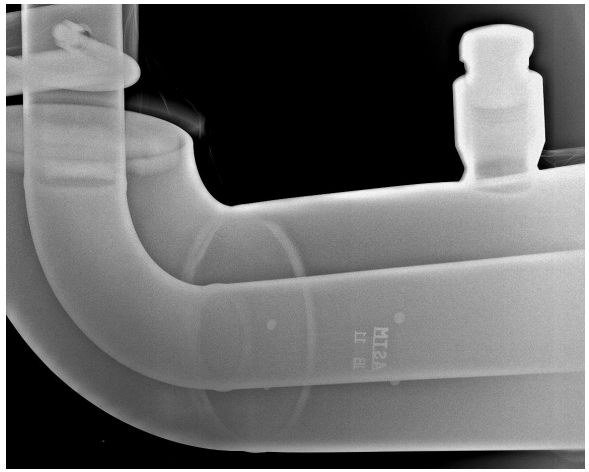
Ship Building



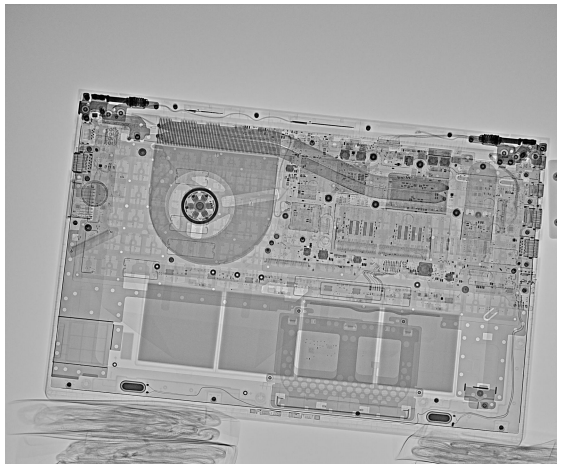
Power Industry



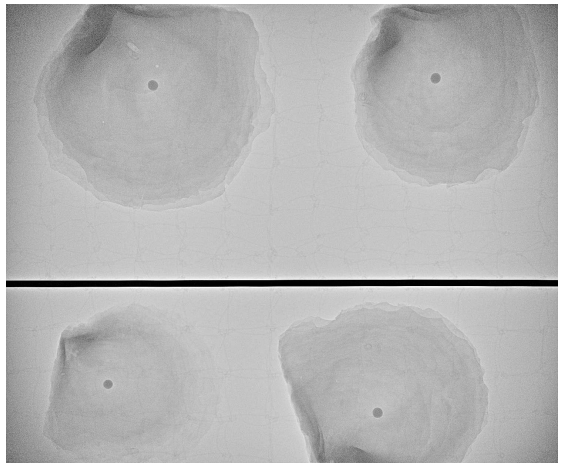
Oil & Gas



Electronic Component



Cultivation Industry



SYSTEM

An ideal system suitable for various NDT applications.

Small size, light weight, easy operation, and stable performance.

- 1717X/1417X/1013X imaging panel options with high-definition imaging quality
- Wired & wireless operation modes
- 12.2″ windows11 touch-screen tablet / 14″ windows11 touch-screen Laptop
- Compatible with most commercial X-ray sources
- Suitable for all terrains and harsh weather conditions
- Lightweight and portable,complete system can be integrated into rugged Pelican wheeled carry cases

PX3-N SOFTWARE

1. Touchscreen software
   User-friendly interface for intuitive operation.
2. Intelligent image optimization
   One-touch optimization algorithm.
3. High-definition image review
   Distortion-free magnification to capture every detail.
4. Automatic measurement
   Dimensions, thickness, spatial resolution, signal-to-noise ratio, etc.
5. Stitching function
   Automatic and manual stitching capabilities.

CONTROLLER

Wireless range: Up to 150m
Golden Sources Support: DeWalt 20V

PX3-N IMAGING PANEL

Portable flat panel detector: Lightweight, thin, and durable

Imaging Panel Model	1717X	1417X	1013X
Panel Size	460×460×15mm	460×384×15mm	362×269×15mm
Imaging area(inch)	17×17	14×17	10×13
Weight(including battery)	3.4kg	3kg	2.3kg
Thickness	15mm	15mm	15mm
Pixel Size	100μm		
Spatial Resolution	5 lp/mm		
Wireless	Build-in WiFi Gigabit		
Protection Level	IP56	IP55	IPX5
Battery Life	8hrs	8.5hrs	8.5hrs

LAPTOP&TABLET

Users are advised to select and purchase suitable laptop computer locally

- Ruggedized Tablet: EM-I20A
- Up to a 12.2" Full IPS display
- Windows 11, i5-1235U
- 16GB + 512GB

- Screen touch laptop: Thinkpad L14
- Up to a 14" Full IPS display
- Windows 11, i5-1335U
- 16GB + 512GB

X-RAY GENERATOR

With superior penetrating ability, Golden Engineering pulsed X-Ray generators are smaller, lighter and safer than alternative technologies

XRS4

XRS3

XR200

	XRS4	XRS3	XR200
KVP	370KV	270KV	150KV
Penetration	Up to 100mm steel plate	Up to 85mm steel plate	Up to 26mm steel plate
Pulse Rate	9 pulse/second	21pulse/second	10pulse/second
Weight	8.3kg with battery	5.3kg with battery	4.8kg with battery
Battery working time	3000 pulses per charge	5500 pulses per charge	6000 pulses per charge

**PX3 is compatible with all industrial X-ray source*

ACCESSORIES

Communication Cables

The 50m communication cables provide reliable and fast data transmission between the different parts of the system.

Detector Stand

The Detector Stand is a bespoke accessory that holds the Detector securely in an upright position (portrait or landscape).

Tripod

Tripod height adjustable, 360 degree rotation, can meet a variety of scene use.

Battery for x-ray generator

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