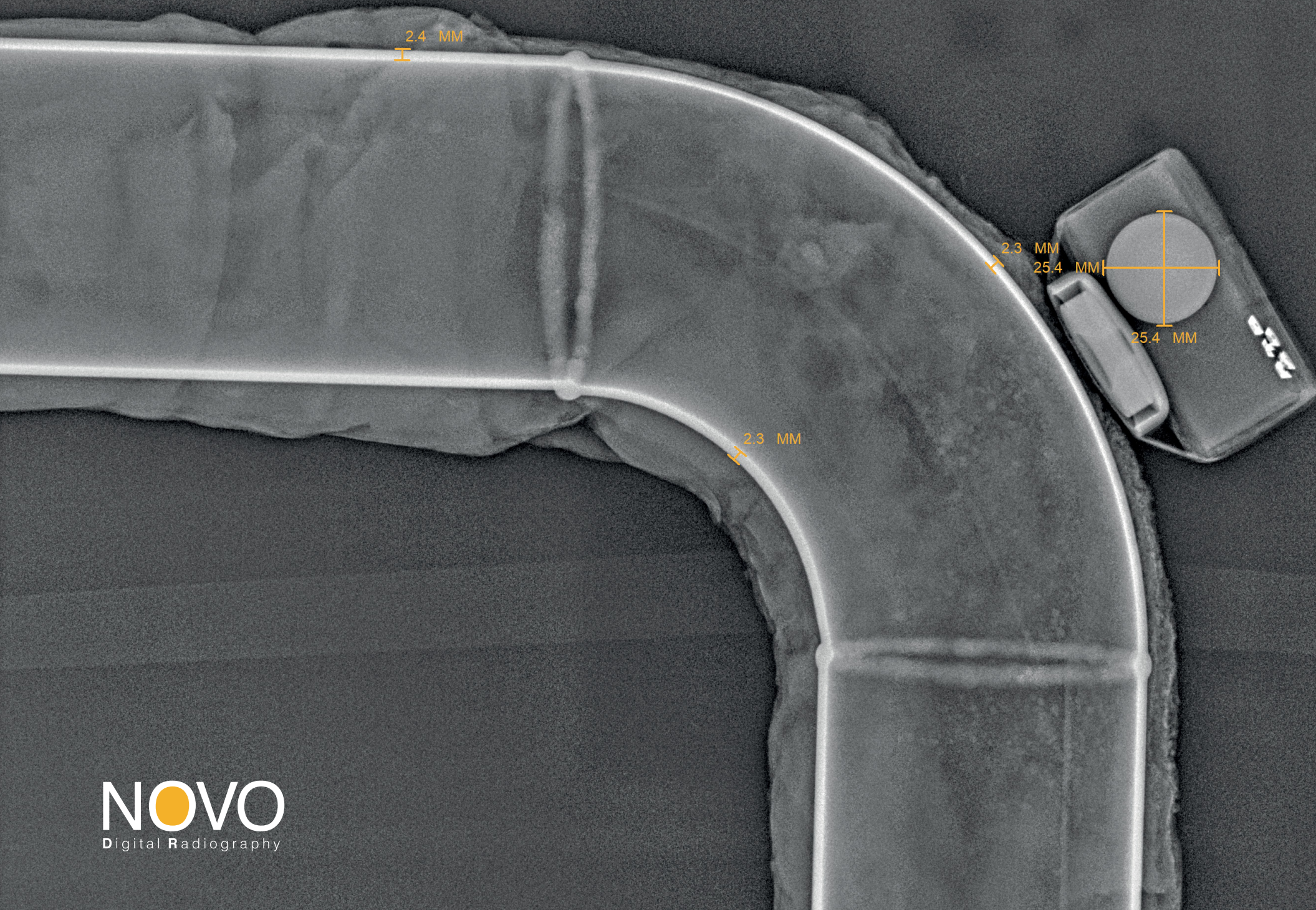


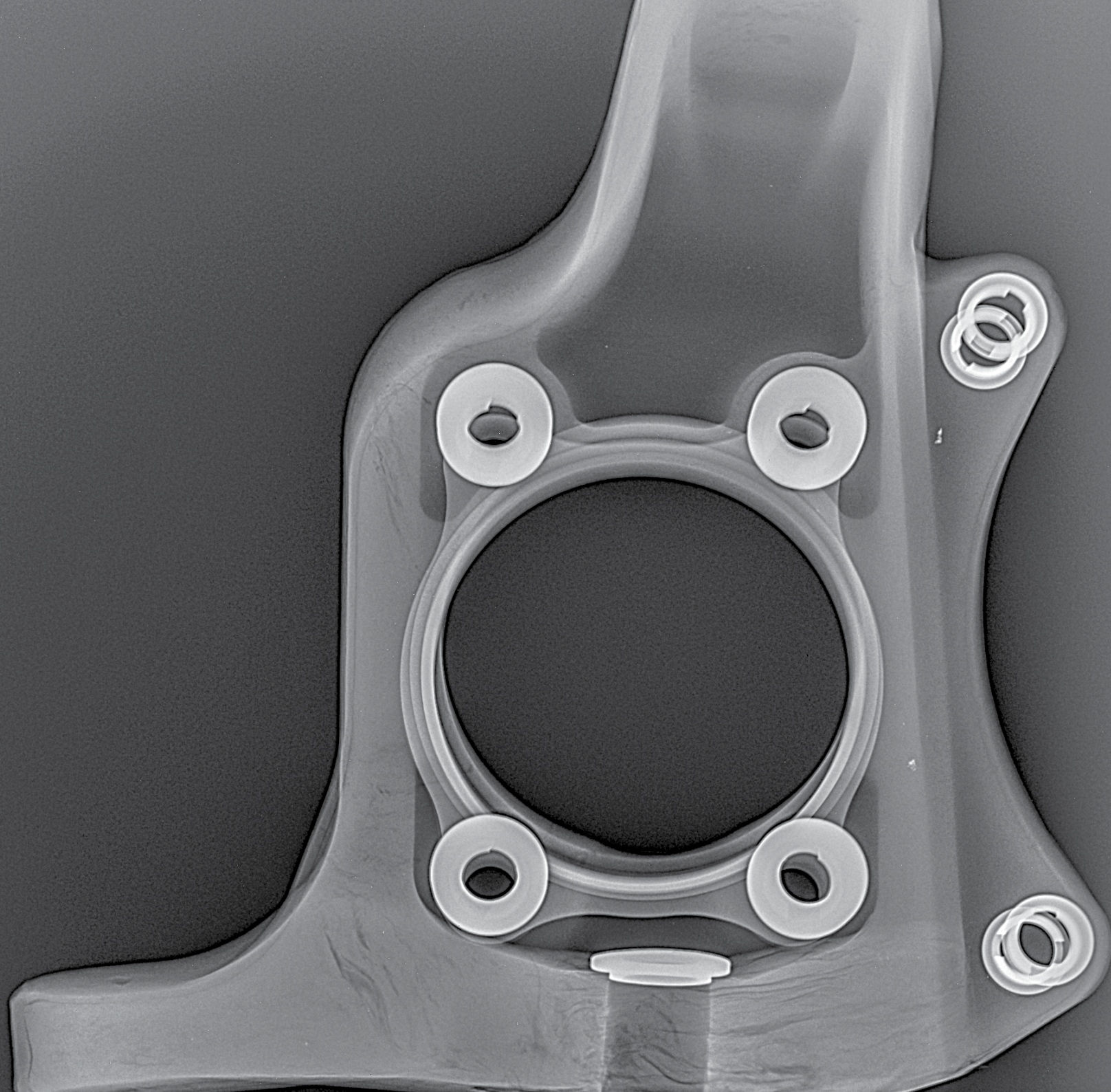


The Leaders in Portable X-Ray Systems

Products Overview

NDT





About NOVO DR



NOVO DR Ltd. offers the highest image quality in the portable digital radiography industry.

The ruggedness and reliability of our systems combined with amazing X-Ray Images make them the best in the market. Our intuitive and easy to use products have been designed and engineered by our incredibly professional and highly experienced team!

Why NOVO?



Highest Image Quality

Decades of expertise, detectors built specifically for NDT applications and advanced software all attribute to the highest image quality.



Reliable

Our systems are designed for outdoor operations, so we use the best raw materials; proprietary NOVO cables; MIL-DTL 38999 connectors & rugged Detectors.



Easy to Use

The lightest Detectors, intuitive NOVO Touch Software and user-friendly system components make NOVO equipment effortless to setup & operate.



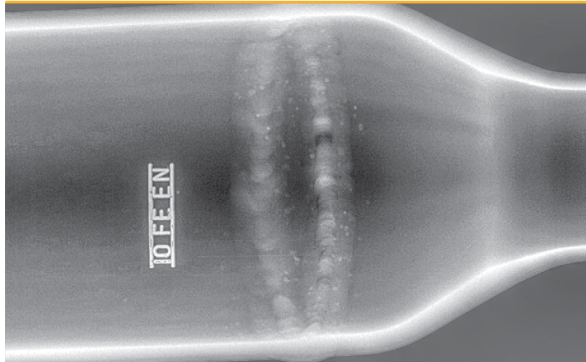
Professional Support

Fast response, the expertise of our team and in-house Developers bring you the right solution.

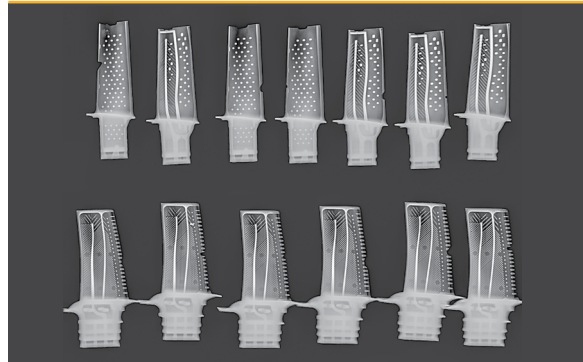
Common Applications

5

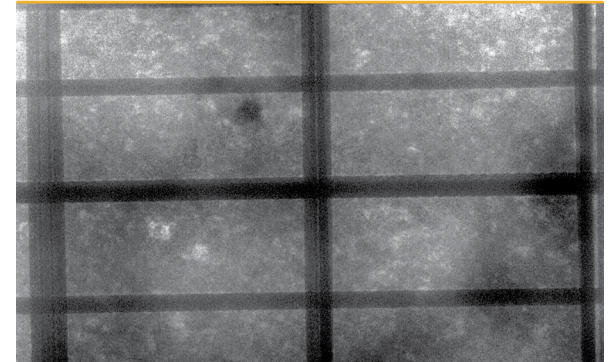
Oil & Gas



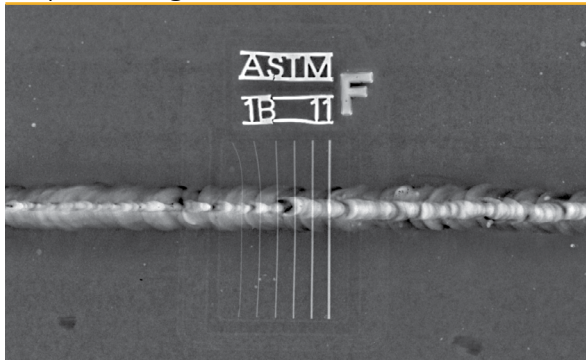
Aerospace



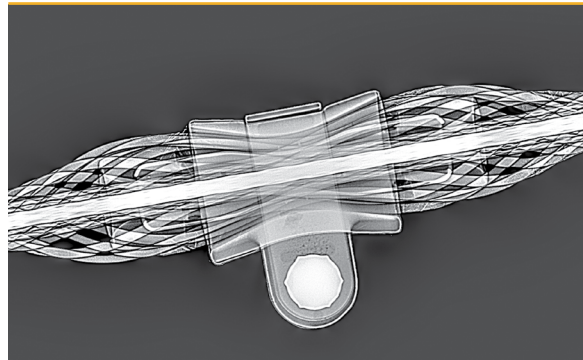
Concrete



Ship Building



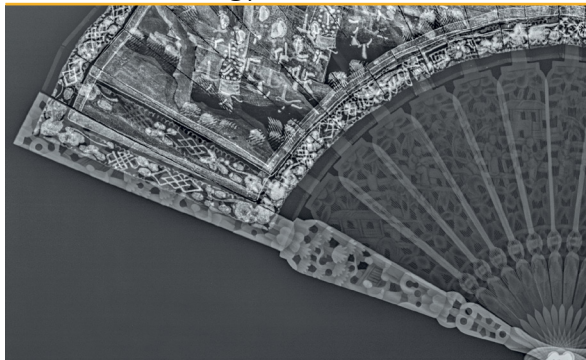
Power Line



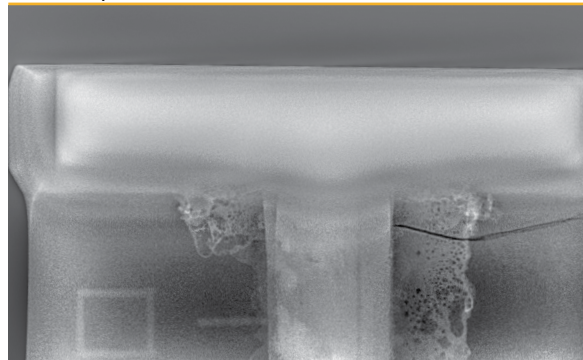
Munition



Art & Archaeology



Railways



International Standards

The NOVO Touch Pro Software has numerous tools necessary to support multiple international standards such as:

- ISO 17636-2 Class B
- BOEING 7044 Ver C
- ASME Section V article 2
- ASTM DICONDE

Systems

NOVO offers a wide variety of Systems suitable for various NDT applications.

These are our most popular Systems.

For detailed information, please review the corresponding systems' brochures

Discovery II

Fully Featured in Rugged Case

- 22WN/15WN/12HRN NDT Grade Detector
- Falcon II Controller- up to 500m wireless Comm.
- 21.5" Super bright 1500 NIT Touch Tablet
- 50m Cable on removable reel
- Light & Compact Pelican case



Shadow

Super Compact Backpack System

- 12SFN NDT Grade Detector
- Falcon II Controller- up to 500m wireless Comm.
- Controlled by NOVO Touch Pro Android App running with Smartphone or Windows Tablet
- Wired & Wireless operation modes
- Complete System in one Small Backpack



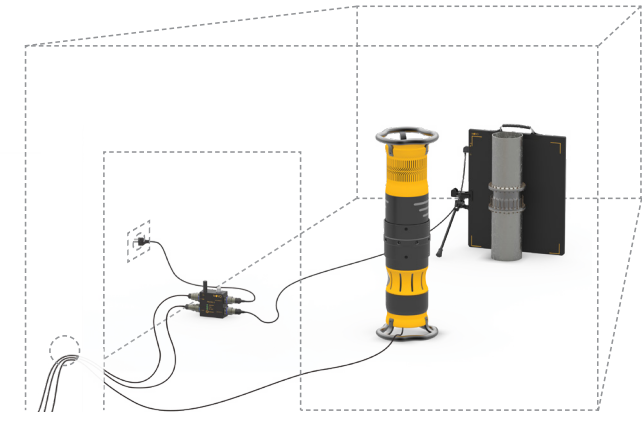
Ultimate
Backpack System

- 22WN/15WN/12HRN NDT Grade Detector
- Falcon II Controller- up to 500m wireless Comm.
- Panasonic 10" G1 Tablet / Android mobile phone
- 50m Cable on a reel



Laboratory
Stationary System

- 22WN/15WN/12HRN NDT Grade Detector
- Falcon II Controller & Power Supply
- 25m Cable
- NOVO Touch Pro Software



NOVO Touch Pro Software

For detailed information, please review the NOVO Touch Pro Software brochure

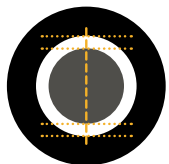


The NOVO Touch Pro Software is a proprietary software developed to provide the best user experience and functionality in field & laboratory operations.



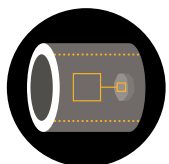
The Genie Enhancement Feature - Proprietary State-of-the-art Algorithm

Allows taking a single image and enhancing both easy and hard to penetrate areas on the same image, while highlighting all the defects with just one touch!



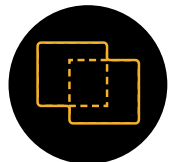
Wall Thickness Tool

Automatic measurement calibration, fast, easy & automatic wall thickness measurements.



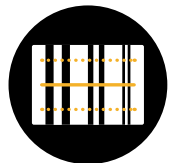
DWT

Simple & intuitive Double Wall Thickness Technique Tool- converting gray levels into material thickness.



Stitching Feature

Stitch multiple images using our easy to use, Manual Stitching feature or our extremely fast, Automatic Stitching feature.



Auto Basic Spatial Resolution Calculator

Select the region of interest and leave the rest to the NOVO SRb calculator.

Controllers

Falcon II

- Weight: 2lbs (900 grams)
- Unlimited operation with AC (POE)
- 6+ hours built-in battery
- Wired/ Wireless - up to 500m LOS
- MIL-DTL 38999 connectors
- GPS
- Weatherproof design
- Supports parallel multi tablet control & display



Wireless Spark III

- Weight: 0.7 lbs. (0.3 kg)
- 6 hours built-in Battery
- Wireless - up to 400m LOS
- MIL-DTL 38999 connectors
- Weatherproof design

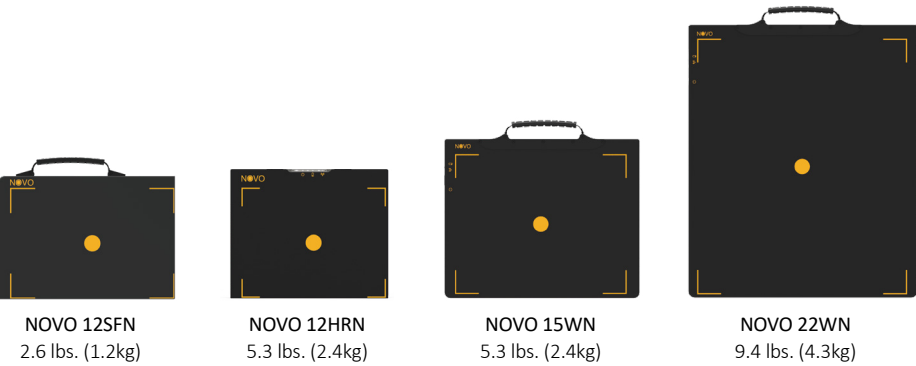


Detectors

For detailed information, please review the systems brochures

The NOVO range of Detectors provide outstanding image quality in a rugged, durable, thin design and are the latest in DR imaging technology.

- Built-in shielding for maximum life span
- High dose Compatible
- Dual direction titanium magnetic connector
- Quick removable & rechargeable battery
- Wireless & wired operation
- Specifically designed for fieldwork & harsh weather conditions



Detector Model	NOVO 12SFN	NOVO 12HRN	NOVO 15WN	NOVO 22WN
Detector Imaging Area	6.75" x 10.1" (17.2cm x 25.8cm)	6.8" x 9.0" (17.3cm x 22.9cm)	9.1" x 11.2" (23.1cm x 28.4cm)	14.0" x 16.8" (35.6cm x 42.7cm)
Active Area (Imaging Area / Detector Size)	80% Active Area	74% Active Area	74% Active Area	85% Active Area
Detector Weight	2.6 lbs. (1.2kg)	5.3 lbs. (2.4kg)	5.3 lbs. (2.4kg)	9.4 lbs. (4.3kg)
Detector Load Proof	440 lbs. (200kg)	660 lbs. (300kg)	660 lbs. (300kg)	660 lbs. (300kg)
Detector Drop Test	31.5" (80cm)	27.5" (70cm)	20" (50cm)	20" (50cm)
Detector Thickness	0.6" (15mm)	1.1" (27.5mm)	0.6" (15.6mm)	0.6" (15.6mm)
Bit Depth	16 bit latest generation			
Life Span	Over 100K rem*			

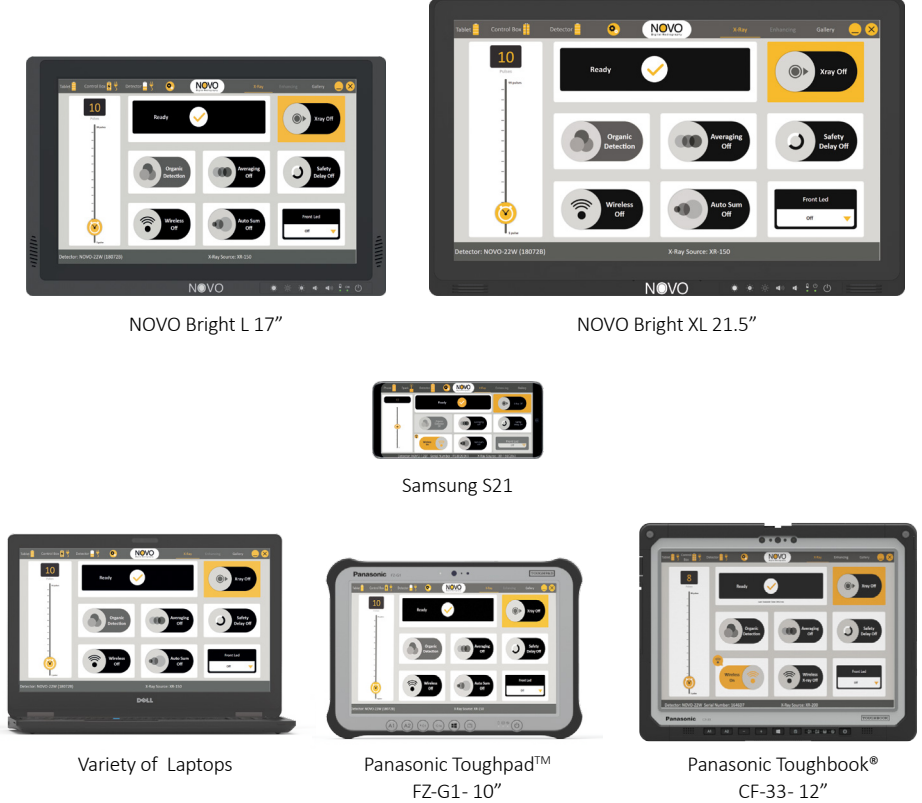
* Over 100K rem of direct exposure on the detector

Laptops, Tablets & Smartphones

For detailed information, please review the Bright Tablets / systems brochures

NOVO offers a variety of tablets that can be operated from our customized case or handheld.

- Proprietary high brightness Tablets
- Used to control the system's operation
- One or multiple parallel location control & display
- Ruggedized Tablets- MIL-STD-810G
- Rugged 7" up to a 21.5" Full HD display
- A variety of Laptops Available
- Windows® 10 & Android OS



Wireless Extenders

For detailed information, please review the [Wireless Extenders brochure](#)

Eagle

The NOVO Eagle is an extremely long range wireless transceiver, which extends the wireless communication between the tablet and the inspection area (Detector and X-Ray source) up to 3.3km (2 miles) LOS.



Ranger

The NOVO Wireless Ranger is a wireless transceiver, which extends the wireless communication range between the tablet and the inspection area.



Super Ranger

The NOVO Wireless Super Ranger is a special booster that increases wireless distance and stability of our standard Ranger device, allowing for operation in extreme condition.

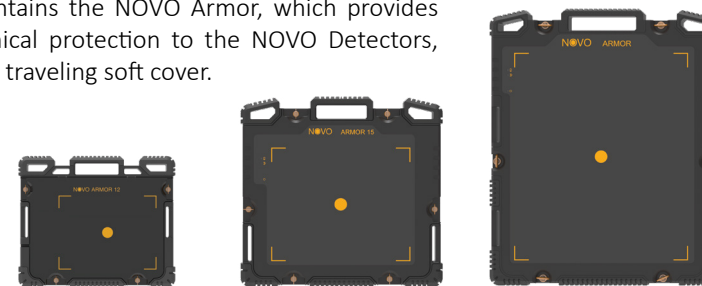


Accessories

For detailed information, please review the [Accessories brochure](#)

Armor Kit

The Armor Kit Contains the NOVO Armor, which provides additional mechanical protection to the NOVO Detectors, Armor Stand and a traveling soft cover.



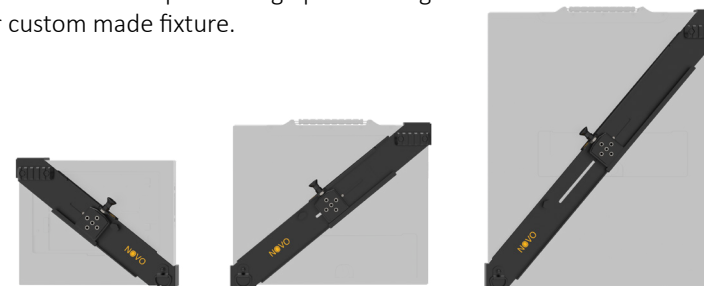
Soft Protective Cover

The Detector Soft Protective Cover is a lightweight accessory, which provides impact, heat and liquid protection for NOVO Detectors.



Tripod Mounts

The Tripod Mount is a lightweight adapter that firmly holds the Detector and provides various positioning options using a tripod or any other custom made fixture.



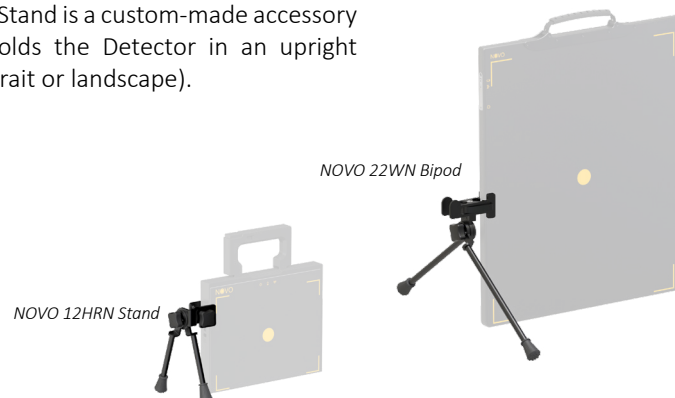
Communication Cables

The communication cables provide reliable and fast data transmission between the various system parts.



Detector Stand

The Detector Stand is a custom-made accessory that firmly holds the Detector in an upright position (portrait or landscape).



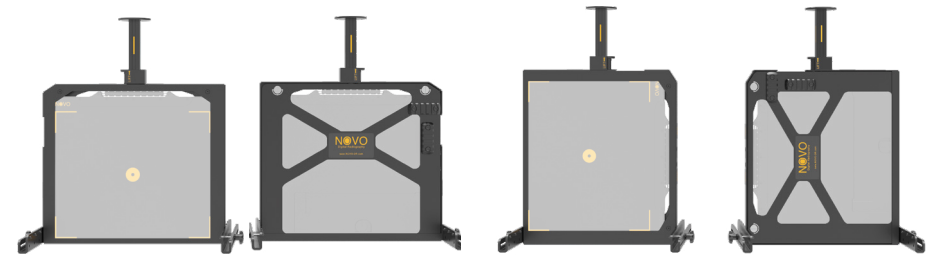
Wireless X-ray

Enables control of X-Ray sources without an X-Ray sync cable.



Detector Frame

Detector adapter for Manipulators and Mechanical Systems.



Lookout

- Organic detection
- Live Video
- Audio
- LED lights
- Infrared light



Cases & backpacks

NOVO offers a wide array of customized cases for a range of applications.

- Customized internal & external design
- Rugged
- Smallest foot print
- Lightweight



Discovery II Case



Ultimate Backpack



Tactical II Backpack



X-Ray & Isotopes

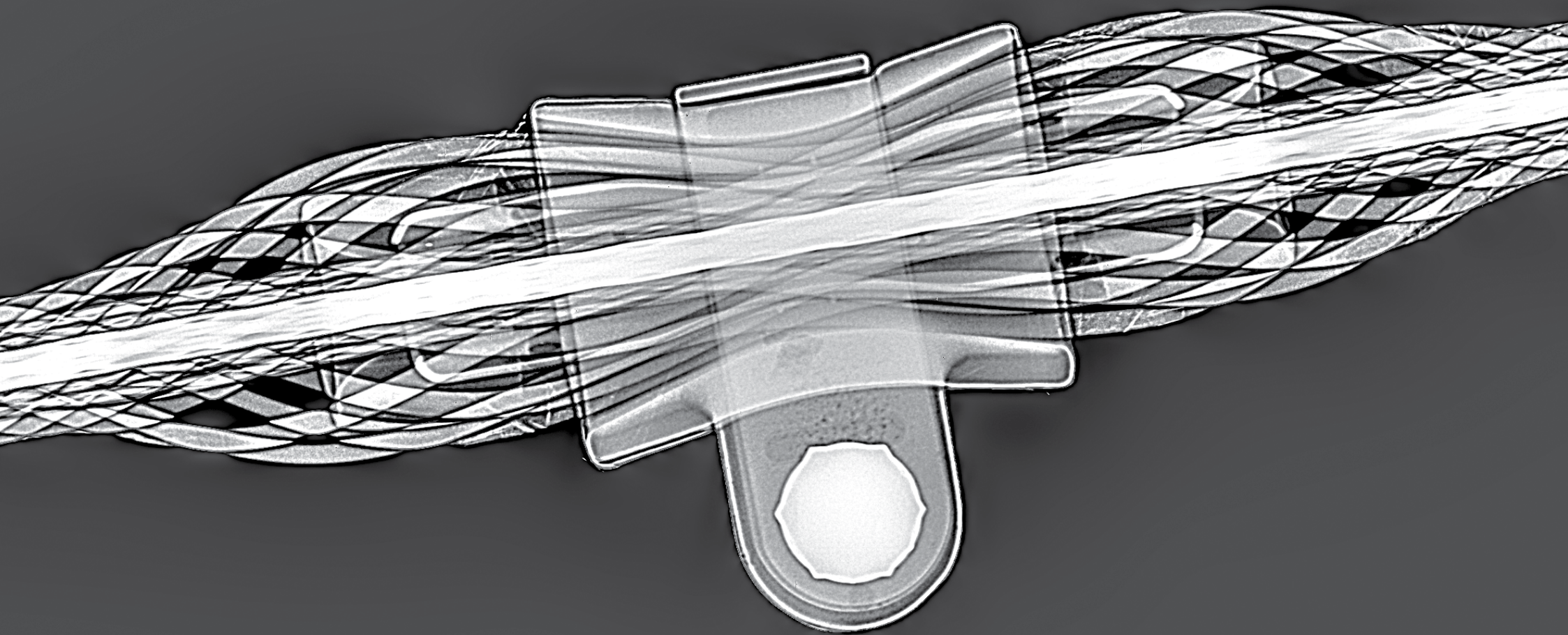
For detailed information, please review the systems brochures

The NOVO systems are designed to operate with Isotopes, and with most of the existing X-Ray sources in the market, as well as the entire range of Golden Engineering pulsed X-Ray sources.

- Reduced dose, increased safety, improved productivity, prolonged tube life and enable Isotopes usage at a very low activity level
- Operational safety distance is easily obtained with wired or wireless capabilities
- Specially designed connector/picatinny connects the Golden source to the Controller for quick deployment
- The optional Golden X-Ray sources are portable, battery operated, lightweight & contain no radioactive materials



15cm (6") of concrete





www.NOVO-DR.com | info@novo-dr.com

**Technical specifications may change at the discretion of the manufacturer*