



DISCOVER WITH CONFIDENCE



NDT INDUSTRY

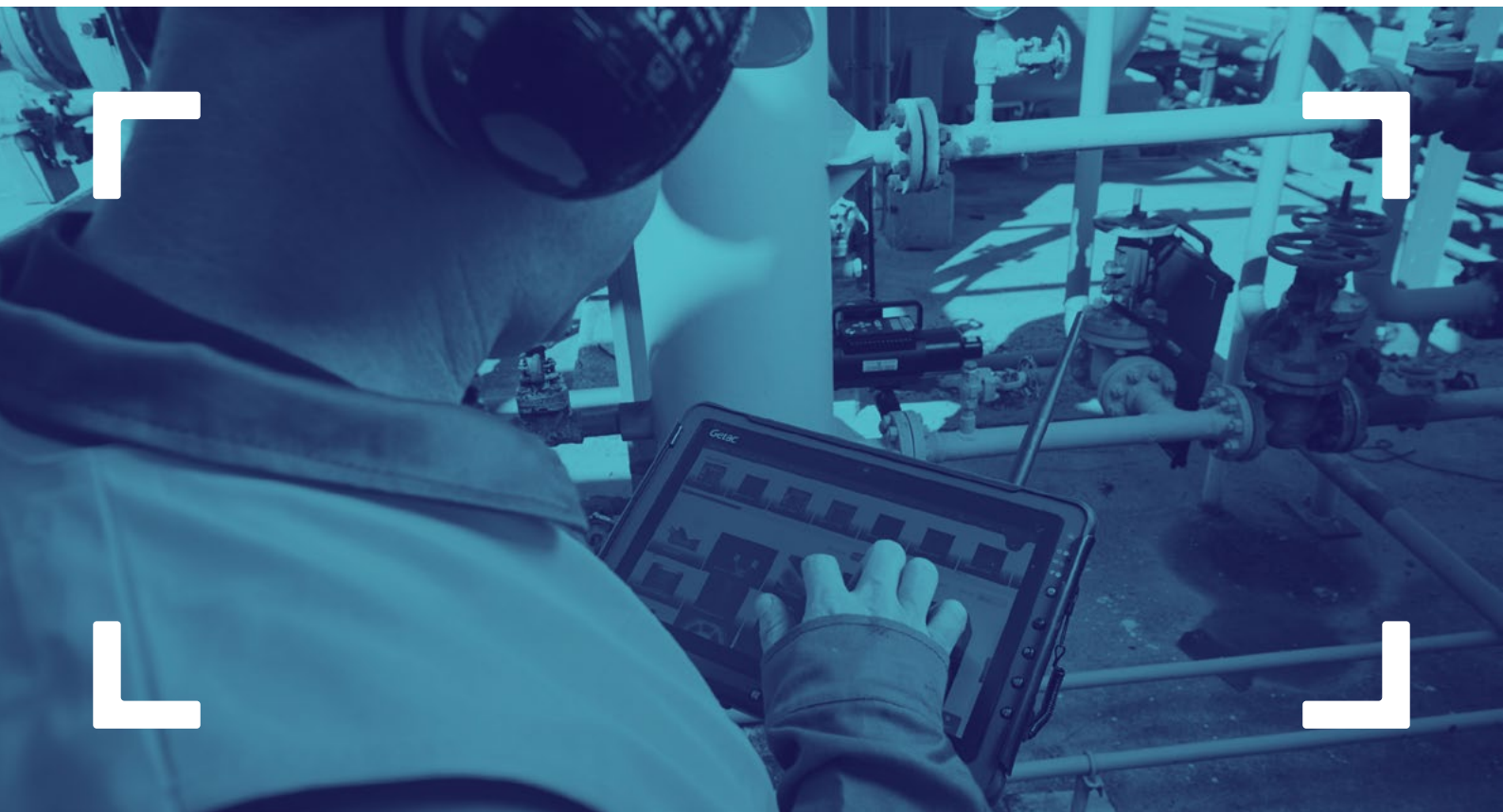


KEEPING YOU SAFE WHILE YOU MAKE THE WORLD SAFER

- When time is critical and “almost” isn’t an option
- When conditions are challenging, but not an excuse
- When efficiency is a given, not wishful thinking
- When people come first, and there’s no room for mistakes

That is when you turn to VIDISCO!

Vidisco provides portable digital X-ray solutions for a wide range of NDT applications in varied industries. Easy-to-operate and optimized for efficient NDT inspection in harsh field conditions, our solutions deliver high quality images and long-lasting high performance. They are customized to our customers’ exact requirements and can be easily updated as needs change.



Vidisco portable digital X-ray solutions provide high value for varied NDT applications, including:

- Welding
- Casting
- Composite materials
- Fabrication processes, including quality control and assurance
- Art applications
- Customized applications

Our solutions provide value in numerous industries requiring NDT, including:

- Oil & gas
- Shipyards
- Aerospace
- Automotive – including tires, engine, parts
- Infrastructure – including concrete
- Ammunition and fuses
- Manufacturing
- Power generation and powerlines
- Railways

VARIETY OF SOLUTIONS TAILORED TO YOUR NEEDS

Our system components are designed to meet all challenges and needs with the ability to integrate with and leading x-ray sources. Choose the solution that is most suitable for you.

Operating Software:

Designed with the operator in mind, VEO software is exceptionally fast and easy to use. With a simple, streamlined workflow, advanced filtering options and application-specific features, it delivers high-quality results in seconds.



Detectors

A wide range of imaging areas are provided to suit diverse type of targets in the most challenging surroundings. Any panel can be integrated with a desired configuration and are fully battery operated.



Communication

Wired or wireless, Vidisco's system is designed to cover any distance with minimum components.



Displays

Choose the way you want to see it. The ruggedized Vidisco displays are drop-tested and are MIL Standard approved for field use as they are reliable, durable and lightweight and offer long operating hours and daylight readable screen.



Packaging

lightweight backpack or a rugged case, choose the package you need. Transport all system components easily and securely and work wired or wireless from the same case.



EXPAND YOUR CAPABILITIES WITH VIDISCO'S ADVANCED ACCESSORIES

MultiEYE

Remotely operate from any mobile device, for enhanced operator safety and convenience.



Dual energy

Expand your system capabilities with organic and inorganic detection.



Slider solution

See the bigger picture! As the company who developed the first Slider, we are proud to present the new and improved Slider solution for obtaining a large imaging area at a click of a button.



SAFER AND EFFECTIVE NDT INSPECTION



Maximum safety for all



Continuous reliability, long-lasting durability



Sophisticated filtering



High image quality



Simple operation enables fast work and quick response



Dedicated features



SMART PORTABLE
X-RAY SOLUTIONS

DISCOVER WITH CONFIDENCE

Vidisco provides innovative portable X-ray solutions for safe and accurate detection for demanding Security and Non-Destructive Testing (NDT) applications. Founded in 1988, Vidisco pioneered the digital X-ray industry and today, continues to lead in developing, manufacturing and supporting a wide array of solutions.

Thousands of Vidisco systems are deployed by top military, security and industrial organizations in more than 75 countries worldwide. Our systems deliver fast and high-quality images in the most challenging environments. All Vidisco systems are manufactured under the most stringent quality control and quality assurance procedures. Vidisco is headquartered in Israel and has a wholly-owned subsidiary in the US. It operates service centers in North America, Europe and Asia.

WHY VIDISCO?

Confidence

Field-proven solutions trusted by global giants

- The choice of global security and industry leaders
- Extensive field experience
- Proven under harsh conditions
- End-to-end quality

Expertise

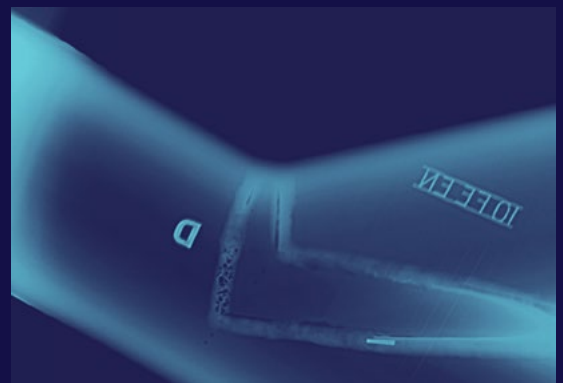
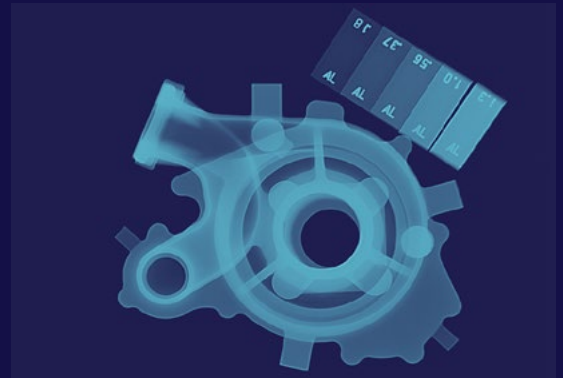
Portable digital radiography is in our DNA

- Focused on portable radiography for 30+ years
- Market-leading innovation
- Widest range of security applications

Efficiency

Saving time, reducing costs

- Simple, user-friendly workflow
- High return on investment, quickly and over time
- Customized, versatile solutions that fit your evolving needs



Contact us to learn more about our solutions
ndt@vidisco.com |

RECOMMENDED NDT SYSTEMS



DISCOVER WITH
CONFIDENCE



 **VIDISCO**

Obtain Instant Results, Onsite

With VIDI systems, you receive fast time to value and versatile use over the long term.

- One touch image capture
- High resolution images spot the smallest defects
- Fast, reliable deployment and reproducibility

All Vidisco's systems are manufactured under stringent quality control and assurance procedures and stands with ISO standard and backed by Vidisco's outstanding support and service.

Available with wireless mode, comes with rugged case or back pack and available in laptop or tablet screen.

The system panel is available with handle configuration.

IP 67 Panel | 1 m drop test

Rugged systems optimized for field

Made with extra shielding for high energy and with durable components, VIDI systems provide long-lasting performance while requiring almost no maintenance. This dust and water proof system is designed for harsh field conditions.

The below tables indicate panel info

Panel Type	Weight	Active Area (H x V)	Pixel Pitch	Key Benefits
VIDI 17	5.4 kg	355.6 x 431.8 mm (14" x 17")	140 µm	Instant result field operation
VIDI 12	3.4 kg	254 x 304.8 mm (10" x 12")	124 µm	Deliver a perfect combination of size and resolution
VIDI 9	3.4 kg	228.6 x 279.4 mm (9" x 11")	75 µm	High resolution for perfect quality image
VIDI 7	2.4 kg	177.8 x 228.6 mm (7" x 9")	75 µm	Fits into the smallest spaces with high resolution image

Lightweight systems deliver fast return on investment

These cost effective, portable systems are easy to carry and operate.

VIDI Lite systems provides high image quality. These systems are lighter, as for not having a shielding layer in the panels, and work with lower energy.

Panel Type	Weight	Active Area (H x V)	Pixel Pitch	Key Benefits
VIDI Lite 17	4.2 kg	355.6 x 431.8 mm (14" x 17")	140 µm	Instant result field operation
VIDI Lite 12	2.9 kg	254 x 304.8 mm (10" x 12")	124 µm	Deliver a perfect combination of size and resolution
VIDI Lite 9	2.7 kg	228.6 x 279.4 mm (9" x 11")	75 µm	High resolution for perfect quality image
VIDI Lite 7	2.0 kg	177.8 x 228.6 mm (7" x 9")	75 µm	Fits into the smallest spaces



Streamline QA on your Production Line

Standalone X-Ray System
Housed in Vault

Suitable for inspection of welding, casting, composite materials, fabrication processes and more

Implementing non-destructive testing on your production line? Our one-stop-shop system provides you with a versatile turnkey solution including Vidisco systems, slider, communication, display, packaging customized vault and more. Carry out accurate and efficient quality assurance testing using our comprehensive NDT systems & smart AI software, which automatically spots defects for you!



Never Miss a Defect Again

Our X-Ray systems use advanced digital radiography techniques, providing your QA department with accurate imaging and defect reports. Our AI software's deep learning capabilities ensures you'll never miss a defect again.



Acquire High Res Images in 2-3 Seconds

Our sophisticated and easy to use image editing tools provide high resolution images in just 2-3 seconds. All images can be stored on the laptop, which has extensive storage capacity.



Save Time & Money

- Our advanced, reliable turnkey solution is cost-effective and delivers more!
- Because the system doesn't utilize film, it saves both time and money.
- Our turnkey system can be used as an in-line QA station on your production floor.

All dimensions below are subjected to change according to customer's needs.

Imaging area	430 x 360 mm
Cabinet dimensions	D 550 mm, W 400 mm, H 900 mm
Power requirements	110/230v, 50/60 Hz Single phase
Including accessories	Wheeled trolley base

- Meets the requirements of the UK Ionising Radiation Regulations 2017 (IRR17)

Consult Our Experts

Talk to our team about your needs. With our worldwide NDT experts, we'll be able to guide you and offer a customized solution for your application.



ndt@vidisco.com |



Customizable

At Vidisco, we understand every application has specific requirements. Our systems can be adjusted to your specific needs, tailored to seamlessly fit into your production line and deliver fast results.



Suitable for All NDT Applications

Our versatile systems are suitable for every industry where NDT is utilized.

- Automotive
- Oil & Gas
- Energy
- Mining
- Aerospace
- Railways
- Shipyards





Customized NDT slider for field testing



Variety of sizes

Customized to customers' specific needs



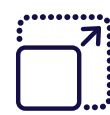
Versatile

Suitable for a wide range of applications



Fast

Acquire images in seconds



Automatic stitching capabilities

Suitable for testing large objects

DISCOVER A NEW DIMENSION IN NDT FOR X-RAY INSPECTION

Whether you need to detect defects on a car chassis, train undercarriage, aircraft wing or pipeline, Vidisco's customized Sliders provide a convenient and efficient solution.

Our rugged slider integrates with our X-ray imagers, delivering modular image acquisition of large imaging areas onsite. Simply choose your region or area of interest and select the number of images required. At a click of a button, you'll acquire an X-ray image within seconds.

The customized slider solution is ideal for carrying out non-destructive testing for a wide variety of industries including:



OIL & GAS



AUTOMOTIVE



RAILWAYS



SHIPYARDS



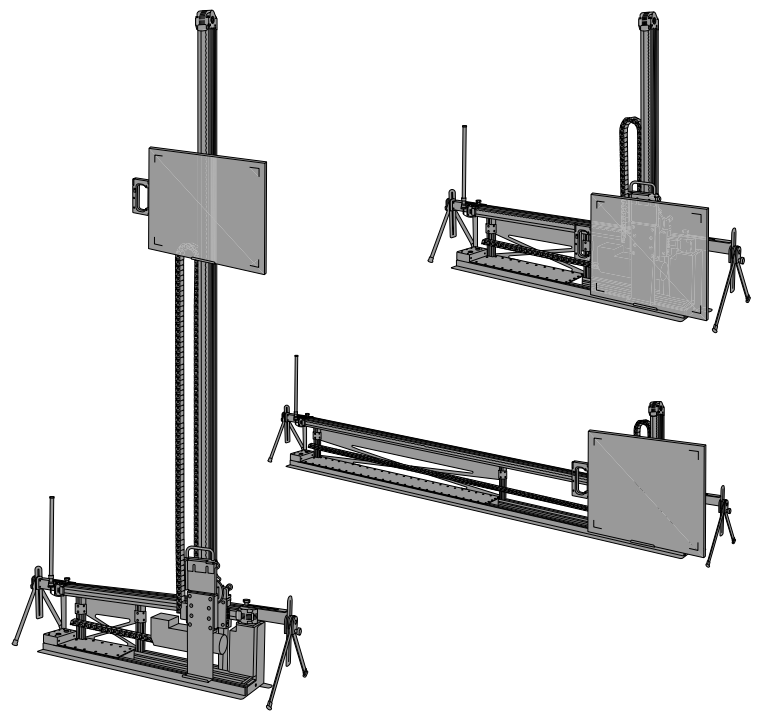
AEROSPACE



NUCLEAR

THE DIMENSIONS YOU NEED. FAST IMAGE ACQUISITION AT THE QUALITY YOU DEMAND.

Versatile sliders can be customized to the size you need, enabling the X-ray of an entire pipeline, railway carriage or aircraft wing in one continuous operation.





VIDI 7⁺

High Resolution

VIDI 7 fits into the smallest spaces, delivering 75-micron high resolution images for challenging weld applications.



Compact

7" panel ideal for compact spaces



Wireless

Battery operated system
8 hours battery life



High Resolution

Pixel pitch of 75 μ m



Lightweight

Panel weight is 2.4 kg, it's easy to carry



Rugged

Shielding layer can handle high X-ray energy

VIDI Systems

Eliminates the need for film, this green solution saves on costs and storage. Fully compatible with Vidisco systems and developed to the same standards.

This lightweight, portable and autonomous system delivers the results you are looking for.

VIDI Lite Systems

When you need to use lower energy x-ray, dispenses with the shielding layer to provide a lighter panel, weights only 2.7kg and delivering the same high resolution.

Panel Specifications	VIDI 7	VIDI Lite 7
Model	Gadox, Wireless, with Additional Shielding	Gadox, Wireless
Weight (Including Battery Packs)	2.4 kg	2.0 kg
Dimensions (HxWxD)	208.2 x 256.5 x 27.5 mm	208.2 x 256.5 x 27.5 mm
Active Area (HxV)	177.8 x 228.6 mm (7" x 9")	177.8 x 228.6 mm (7" x 9")
Active Array	2304 x 3072 pixels	2304 x 3072 pixels
Effective Area from Edges	3.0 mm (Bottom)	3.0 mm (Bottom)
Pixel Pitch	75 µm	75 µm
Grayscale	16 bit	16 bit
Operating Time	8 hours	8 hours
Image Acquisition Time (Wired)	1.5 sec.	1.5 sec.
Maximum Exposure Time	180 sec.	180 sec.
Power Consumption	Max. 19.2 W	Max. 19.2 W
Rated Power Supply	DC +24V, Max. 0.8A Wired: Powered by SCU with a tether interface cable Wireless: Powered by a battery pack (3,100 mAh x 2)	DC +24V, Max. 0.8A Wired: Powered by SCU with a tether interface cable Wireless: Powered by a battery pack (3,100 mAh x 2)

All specifications subject to change

- * The system case is available in backpack or rugged case
- * The system panel is available with handle configuration
- * Available with laptop or tablet
- * Compatible to all VIDI systems



VIDI 9⁺

High Resolution

VIDI 9 spots the smallest defects, delivering high resolution images for challenging weld applications.



Compact

9" panel fits into small spaces



Wireless

Battery operated system
8 hours battery life



High Resolution

Pixel pitch of 75 μm



Portable

Easy to transport
with fast setup



Rugged

Shielding layer can handle
high X-ray energy

VIDI Systems

Eliminating the need for film, this green solution saves on costs and storage. Fully compatible with all Vidisco systems and developed to the same standards.

This lightweight, portable and autonomous system delivers immediate results.

VIDI Lite Systems

When you need to use lower energy x-ray, dispenses with the shielding layer to provide a lighter panel, weights only 2.7kg and delivering the same high resolution.

Panel Specifications	VIDI 9	VIDI Lite 9
Model	Gadox, Wireless, with Additional Shielding	Gadox, Wireless
Weight (Including Battery Packs)	3.4 kg	2.7 kg
Dimensions (HxWxD)	355.0 x 322.0 x 17.0 mm	355.0 x 322.0 x 17.0 mm
Active Area (HxV)	228.6 x 279.4 mm (9" x 11")	228.6 x 279.4 mm (9" x 11")
Active Array	3840 x 3072 pixels	3840 x 3072 pixels
Effective Area from Edges	6.0 mm (Bottom)	6.0 mm (Bottom)
Pixel Pitch	75 µm	75 µm
Grayscale	16 bit	16 bit
Operating Time	8 hours	8 hours
Image Acquisition Time (Wired)	2.7 sec.	2.7 sec.
Maximum Exposure Time	180 sec.	180 sec.
Power Consumption	Max. 24 W	Max. 24 W
Rated Power Supply	DC +24V, Max. 0.8A Wired: Powered by SCU with a tether interface cable Wireless: Powered by a battery pack (3,100 mAh x 2)	DC +24V, Max. 0.8A Wired: Powered by SCU with a tether interface cable Wireless: Powered by a battery pack (3,100 mAh x 2)

All specifications subject to change

- * The system case is available in backpack or rugged case
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- * Available with laptop or tablet
- * Compatible to all VIDI systems