

## **Baker Hughes Simplifies Field Inspections with New Waygate Technologies Flexible Digital X-ray Detector: DXR Flex**

- *First generation bendable digital detector is set to replace traditional X-ray film in field radiography inspections*
- *DXR Flex detector simplifies field inspections in oil & gas, power generation, chemicals, pulp & paper and aerospace industries*
- *Integrated digital imaging and wireless capabilities speed up inspections and boost field operations productivity*

**HUERTH, Germany, Oct. 16, 2024** – Waygate Technologies, a Baker Hughes business and market leader in nondestructive testing (NDT) solutions for industrial and energy infrastructure inspection, has expanded its portfolio with the introduction of DXR Flex, a bendable digital X-ray detector. Designed to withstand the harshest of conditions, it is engineered to replace traditional X-ray film and streamline field inspections in a broad range of industries, from oil & gas and power generation to chemicals, pulp & paper, aviation and space exploration.

### **More efficiency and highest image quality**

The introduction of the bendable digital detector technology represents a significant evolution for field radiography inspections. Designed for the application on round objects down to 150mm (6”) in diameter, the DXR Flex closely encircles pipe welds, previously only possible with X-ray film or CR phosphor imaging plates. It thereby covers a larger part of the weld area that needs to be inspected than rigid flat panel detectors, allowing the overall inspection to be concluded with up to 65%\* fewer exposures. This in turn drastically reduces set up and inspection time, and ultimately overall asset downtime.

With its dual-sided exposure capability, the DXR Flex is also suitable for the double-wall double-image (DW-DI) elliptical radiographic technique for small pipes. Combined with the Waygate Technologies Rhythm Insight software platform and Waygate Technologies’ proprietary Flash! image enhancement software, the DXR Flex detector delivers unmatched image quality in weld inspections at the click of a button. The high-resolution DXR Flex (99 µm pixel pitch) is battery powered and can be used wired or wireless, allowing operators to send images directly to their laptops for faster results and reporting.

### **Rugged meets practical**

Designed with user convenience and efficiency in mind, the DXR Flex detector offers users comfortable handling and quick set-up including magnets to allow for easy application, even in confined and difficult to reach areas.

Ingress protection IP67 ensures that the detector is waterproof and shielded from dust. Its strong case furthermore protects it from radiation and any damage due to knocks or drops, effectively extending the detector's operational life.

The Waygate Technologies DXR Flex solution is available to order now.

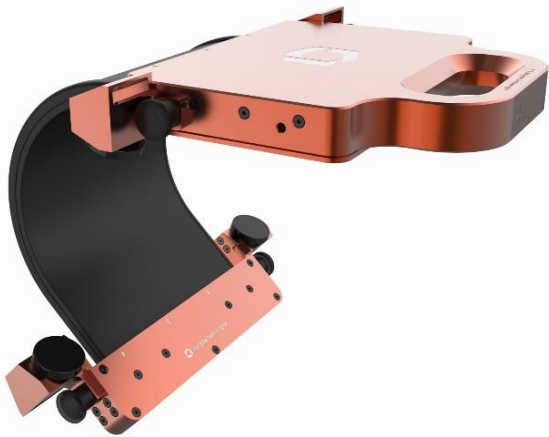
*\*Internal calculation based on demo projects with actual customer settings.*

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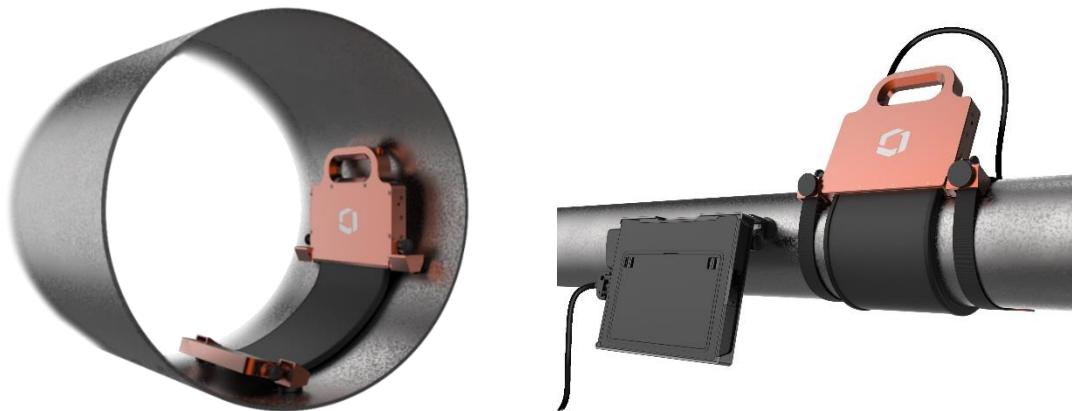
*Learn more and about the industrial inspection portfolio from Baker Hughes Waygate Technologies:*

- DXR Flex Detector [Product Page](#)
- DXR Flex Detector [Brochure](#)
- Waygate Technologies [Mobile Digital X-ray Detectors](#)
- Waygate Technologies [LinkedIn Channel](#)
- Waygate Technologies [YouTube Channel](#)

## Images



*DXR Flex, the first bendable digital X-ray detector from Waygate Technologies*



*Rugged and easy to use for precise and efficient inspections of pipes with a diameter down to 150mm (6")*

#### **About Baker Hughes**

Baker Hughes (NASDAQ: BKR) is an energy technology company that provides solutions to energy and industrial customers worldwide. Built on a century of experience and conducting business in over 120 countries, our innovative technologies and services are taking energy forward – making it safer, cleaner and more efficient for people and the planet. Visit us at [bakerhughes.com](https://www.bakerhughes.com).

#### **About Waygate Technologies**

Waygate Technologies is part of the Inspection portfolio within the Baker Hughes (NASDAQ: BKR) Industrial & Energy Technology business segment. As an industrial inspection solutions provider and world leader in nondestructive testing (NDT), we ensure safety, quality and productivity. We combine more than 125 years of experience and a collection of heritage product brands including Krautkrämer, Phoenix, Seifert, Everest and Agfa NDT. Today, hundreds of brands in the automotive, aviation, space exploration, electronics, energy, battery and additive industries trust our technologies. We drive digital transformation through a broad portfolio of award-winning solutions in industrial radiography and computed tomography (CT), remote visual inspection (RVI), ultrasound (UT), and robotic inspection. *Inspection starts here:* [bakerhughes.com/waygate-technologies](https://www.bakerhughes.com/waygate-technologies)

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