



Boost reliability with inspection

Improve the quality of your medical products through X-ray and metrology inspection

Discover our NDT inspection methods for complex, miniaturized or battery powered implants, 3D printed items, and composite materials – all while focusing on data integrity and compliance whenever information is created.

Inspection starts here.

 **Waygate
Technologies**
a Baker Hughes business

Seamless inspection of advanced medical technology

World-class Computed Tomography (CT) to facilitate your full-cycle quality control.

The medical technology industry faces multilateral inspection challenges when manufacturing products that have a direct impact on the quality of many people's lives:

- Product safety and reliability are crucial.
- Stringent quality and safety standards must be met.
- Technology applied in many devices is ever more complex.
- Implants are becoming smaller.
- High-tech electronic components are being deployed at an increasing rate.
- Product development cycles and production processes continue to accelerate.

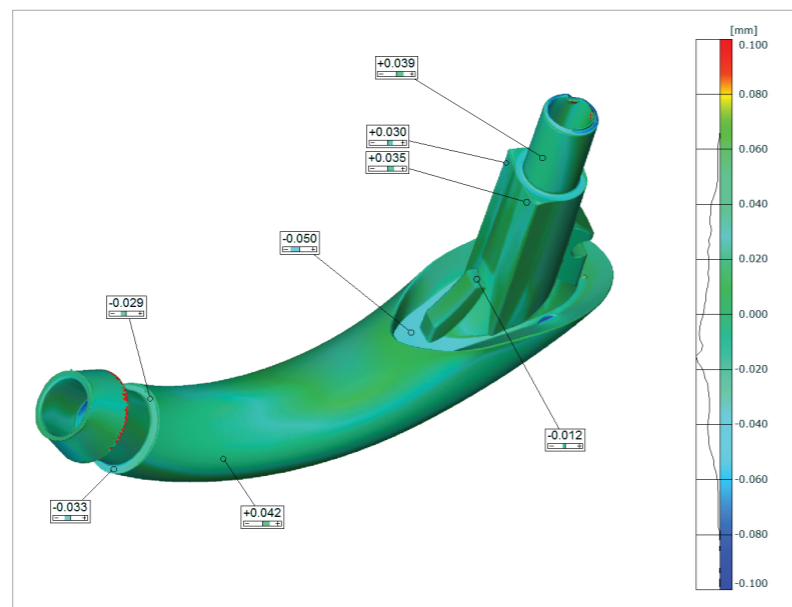
Quality control management all over the world still largely relies on manual workflows of visual inspection, with paper-based documentation that is in urgent need of better regulation and traceability.

Waygate Technologies' NDT solutions facilitate fast and easy electronic records that are a trustworthy, reliable equivalent to paper records. With a focus on data integrity and compliance whenever information is created, modified, stored, transmitted, or retrieved electronically.

Drive process control, ensure product quality and safety, and improve lifespans in: R&D, production, quality assurance and 3D metrology

To safeguard 100% quality control while facilitating faster product design, more productivity and lower costs, Waygate Technologies deploys its more than 125 years of experience in industrial inspection to innovative X-ray and CT solutions that meet the challenges of OEMs and suppliers.

The result: Market leading hard- and software solutions that offer the highest resolution and greatest metrology precision at faster speeds - with consistent image quality and impeccable precision.



A color-coded nominal / actual comparison of a scanned hearing device tube.

Medical device inspection – a broad range of applications

- World-class CT-evaluation helps you detect flaws, cracks and other deviations faster and easier.
- High-precision dimensional metrology guarantees a perfect fit for every device.
- Customized medical inspection solutions serve a vast array of applications.
- DICONDE data management and storage solutions facilitate fast, easy, and automatic electronic records.

Competency	Application
Structural and welding defects in:	Orthopedics, vertebral implants, prosthetic
Structural and soldering defects in electronic and mechanical parts in:	Pacemakers Hearing aids Neurostimulation implants Insulin pumps
Joint defects / metrology for inspecting dimension in:	Dental implants
Alignment and connector defects:	Drug delivery scaffolds
Mikrostructural 3D evaluation of porosity and material distribution:	R&D of (artificial) bone, vascular and tissue samples

Phoenix line – X-ray & CT solutions range for medical technology

Phoenix precision line

In-depth CT for NDT and metrology



Products:
Nanotom M,
V|tome|x S, M

Phoenix production line

In-line CT for manufacturing lines



Products:
V|tome|x C
Speed|scan CT HD

Phoenix performance line

In-depth 2D electronics and assembly inspection



Products:
Microme|x neo
Nanome|x neo

Many customers are challenged by high quality costs to verify the stringent standards required by the medical industry. We can help them via CT with inspecting even the most sophisticated implants in their portfolio.

Udo de Vries, Growth and Strategy Director at Waygate Technologies

Regional offices

To find out the inspection challenges that we can solve for you, get in touch with your local sales representative

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