

TESTING DURABILITY OF MEDICAL DEVICES

interface
FORCE MEASUREMENT SOLUTIONS.

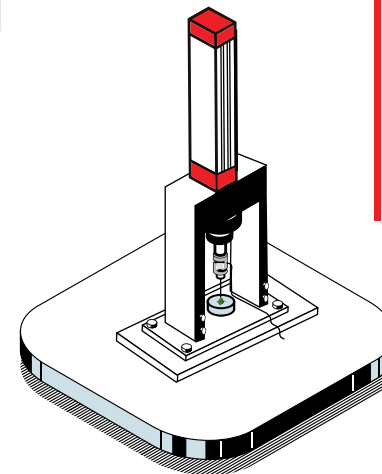
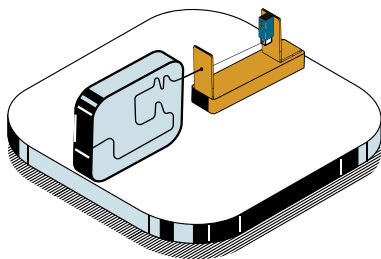
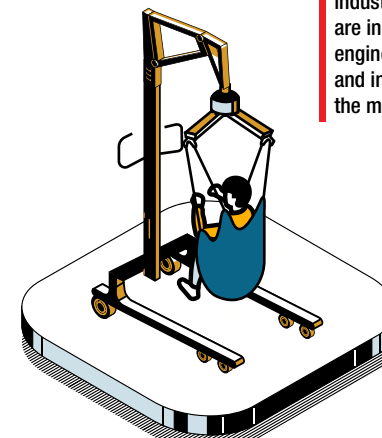
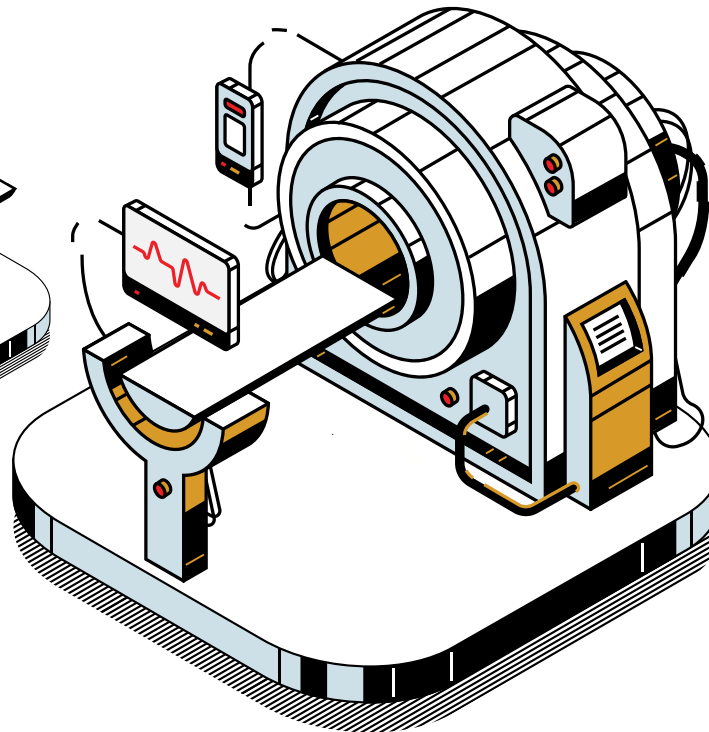
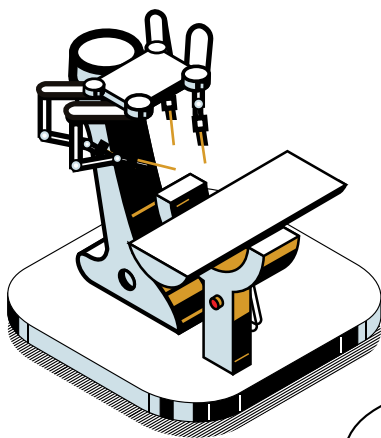
Interface's sensors offer precise and real-time measurements of forces in the design, testing and use of medical devices. These sensors are designed to detect and monitor compression, tension, weight and torque in a wide range of applications, such as surgical instruments, prosthetics, and rehabilitation equipment. Interface's force sensors enable healthcare professionals to ensure safer and more effective interventions, while improving patient care and outcomes.

In the medical industry, they need to know that their suppliers understand their rigid requirements and use cases for their products. Our engineers and product teams have been providing proven sensor technologies used for a wide variety of medical devices, like **prosthetics and surgical implements**. These products require extremely accurate measurement before they are approved for use.

Medical devices simplify the prevention, diagnosis and treatment of diseases and illnesses. The most well-known medical technology products are, among others, **pacemakers, imaging instruments, dialysis machines and implants**. Our strain gage sensors meet the demands of the medical device industry, as quality and precision are inherently designed and engineered into every transducer and instrument we build for use in the medical industry.

The medical device industry is poised for steady growth, with global annual sales forecast to rise by over **5% a year** and reach nearly **\$800 billion by 2030**.

Starting from the initial stages of research and development, and continuing through the phases of design and prototyping, Interface products play a crucial role. In the evaluation of any medical product, a comprehensive set of strict standards and regulations is in place, governing the entire process.



Advanced medical devices and diagnostics allow people to live longer, healthier, more productive, and independent lives. Since 1980, 5 years were added to the U.S. life expectancy thanks to advancements in medical technology.



Interface Medical Device Solutions