



Engineering What **Heals**. Powering What's **Possible**.

Your Single Source for MedTech Innovation



Every component we create, no matter how small, plays a role in something bigger: a **life saved**, a **diagnosis** made, a **future restored**.

Integrated Expertise for Complete Medical Device Solutions

Advancing medical technologies is complex. It takes more than a supplier. It takes a partner who understands the big picture and delivers across the entire value stream.

Mott, together with IDEX, brings unmatched expertise in materials science, precision engineering, flow control, and filtration. This combined strength helps us tackle challenges across a wide range of medical technologies from devices to systems that support the entire human body using advanced technologies to create solutions that truly matter.

From concept to commercialization, we simplify complexity, accelerate timelines, and improve performance so you can stay focused on what matters most: better patient outcomes.



One Partner. Complete Solutions.

Materials, components, and engineering united in one seamless experience. Collaboration drives faster innovation and lowers risk.

Solving Your Toughest Challenges

Smaller, smarter technologies. Longer-lasting materials. Integrated sensors for predictive care. Full traceability for compliance.

Accelerating Your Path to Market

From concept to scale, we move fast. Rapid prototyping validates early. Precision manufacturing delivers performance sooner.



Lisa Reardon, Global Director

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Integrated Expertise for Complete Medical Device Solutions

Your Need. Our Expertise.

Every challenge in medical technology, whether it's durability, miniaturization, or integration, requires more than a single solution. This table shows how we combine advanced materials, precision processes, and specialized components to meet those needs across a wide range of applications. Whatever the complexity, we deliver integrated solutions that help you move from concept to commercialization with confidence.

Your Need	Challenge	Integrated Solutions	Benefits	Process Techniques	Applications
Advanced Materials	Durability under extreme conditions, chemical compatibility, hermetic sealing	Wide selection of materials including porous ceramics and metals and temperature ranges	Enhanced durability, biocompatibility, improved performance in harsh environments	3D Porous Printing, Ultra Precision Machining, Laser Processing, Chemical Etching & Electroforming	Filters, Flow Control, Implants, Hermetic Feedthroughs, Ceramic Window Implants, Glass/Sapphire Cover Plates
Precision Manufacturing & Processing	Complex geometries, high precision requirements, rapid prototyping	Rapid prototyping pipeline, Electroforming for miniaturized parts	Speed to market, high accuracy, cost-effective production	Laser Processing & Machining, Chemical Etching, Electroforming, Injection Molding	Nozzles, Restrictors, Microneedles, Surgical Blades, Flow Channels, Nebulizer Plates
Specialized & Custom Components	Reliable flow control, filtration, miniaturization, custom integration with medical systems	Flow control & filtration systems, Porous, Metal & Ceramic components for fluid management	Consistent performance, improved patient safety, compact designs	Porous Metal & Ceramic Manufacturing, Microfluidic systems	Valves, Pumps, Restrictors, Porous Components, Pneumatic Systems
Medical Device Applications	Smart integration of electronics, optical clarity, biosensing accuracy	Embedded sensors and electronics, Optical systems for diagnostics	Better patient outcomes, predictive monitoring, reliable diagnostics	Optical components & objective manufacturing, Laser-assisted machining,	Endoscopes, Imaging Cytometers, Ophthalmic Instruments, IVD
Performance & Innovation Drivers	Miniaturization, design complexity, traceability, regulatory compliance	Prototype-to-production pipeline, Smart integration of electronics	Faster commercialization, improved device lifespan, compliance assurance	Advanced materials & machining, flow control and filtration, precision manufacturing,	Fluidic & Microfluidic Platforms, Smart Implants, Advanced Surgical Tools

Let's Build What's Next in MedTech

At Mott and IDEX, we don't sell catalog parts, we solve the toughest challenges at the heart of medical technology and robotic surgery.

Whether you need to improve flow precision, miniaturize a biopsy component, or reduce wear on a surgical assemblies we work side by side with you to create solutions that improve reliability, enable compact integration, and lower lifecycle costs. Our components already power some of the most advanced implantable and surgical systems in the world.

If you are ready to accelerate innovation and bring better outcomes to patients, connect with us today. Together, we can turn your biggest challenges into your next breakthrough.



IDEX at a Glance

IDEX Corporation is a global leader in precision-engineered solutions that make life better. Since 1988, we've grown to more than 8,800 employees worldwide and generate \$3.3 billion in annual revenue.

Our purpose is clear: innovate with precision, deliver with integrity, and partner for progress. By combining advanced material science with integrated capabilities, we help customers accelerate innovation and achieve better outcomes in healthcare, industrial applications, and life-critical systems.