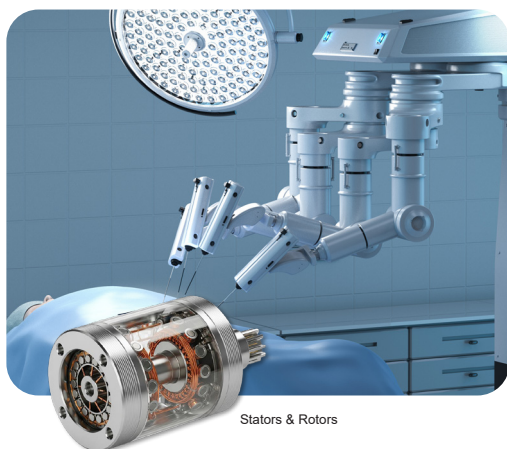


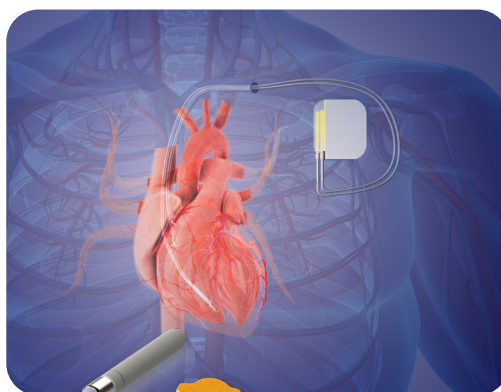


Medical Solutions

Permag™ delivers advanced magnetic solutions that enable miniaturization, precision, and biocompatibility in life-saving medical technologies. Our magnetics power everything from robotic surgery systems to implantable devices, helping medical innovators achieve higher throughput, reliable diagnostics, and better patient outcomes. Built to meet stringent industry standards, our assemblies support critical performance in both equipment and devices across the medical and life sciences sectors.



Stators & Rotors



VAD Impeller Motor

Hydrocephalus Shunt Valve Magnet



LifeSep™

Medical Equipment

- Surgical Precision
- Product Miniaturization
- System Durability

Medical Device

- Device Miniaturization
- Reliable Biocompatibility
- Precise Actuation & Power Transfer

Life Science

- Accelerated Diagnostic Discovery
- Reproducible Results
- Custom Biomagnetic Separation

Capabilities

- Precision Control MRI-Safe Micro-Magnets Assemblies
- High Torque Actuator Designs
- Robust Biocompatible Seals, Coatings, Plating
- Speed to Market - Rapid Prototyping
- Non-China Magnets

Magnetic Technology

- Rotors & Motors
- Sensors & Encoders
- Magnetic Couplings
- Compressor Housings
- Electromagnetics
- Microwave Circulators & Isolators
- Cooling Systems
- Stators





About Us

Permag™ is a global leader in custom magnetic assemblies, advanced materials, and precision systems. Known for quality and innovation, we serve critical applications in highly regulated industries. Permag™ includes Dexter Magnetic Technologies, Electron Energy Corporation, and MCE Products.

Capabilities

Our manufacturing can address a variety of requirements from discrete components to large scale assemblies, in every size ranging from micro to large.

The Permag™ Formula

Our formula ensures that each component meets stringent quality standards, supporting reliability in even the most demanding applications.

Advanced Magnetic Material Science

- Superior Performance
- Speciality Grades
- Advanced Applications
- Customization
- Composition Control



Engineering & Design

- Design Support
- Magnetic Feasibility
- Process Optimization
- Design for Manufacturability
- Research & Development



Machining & Manufacturing

- Slicing
- 3D Printing
- Core Drilling
- Plunge & Wire
- Form & Surface Grinding
- Precision CNC Machining



Assembly & Test

- Full Traceability
- Custom Test Stations
- Vacuum Bake-out Ovens
- Specialty Designed Jigs
- Class 10,000 Clean Room



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