

# DEXTER

magnetic  
technologies

dextermag.com

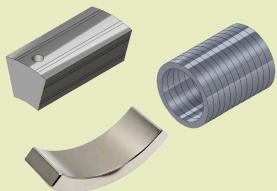


## About Dexter

Dexter Magnetic Technologies is a global leader in magnetic solutions, specializing in custom assemblies, advanced materials, and precision systems. Known for innovation and reliability, Dexter delivers high-quality solutions to highly regulated industries.

## Dexter's Capabilities

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



**Custom Magnets**



**Magnetic  
Assemblies**



**Magnetic  
Systems**

## The Dexter Formula

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

### 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

**Headquarters**  
Elk Grove Village, IL



**European Office**  
Freiburg, Germany

## Medical Device

### Applications

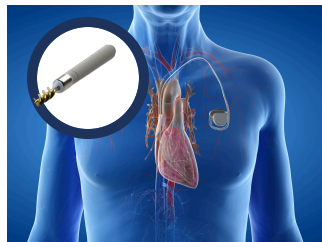
- Ventricular Assist Device
- Cochlear
- Endoscopy
- GERD Device
- Hydrocephalus valve
- Neuromodulation
- Cardiac Rhythm Management
- Perfusion Devices

### Solutions

- Miniaturization
- Biocompatibility
- MRI Compatibility
- Stray Field Management

### Mutual Goals

- Less Invasive Procedures
- Better Patient Outcomes
- Create Distinct Product Advantages
- Increase Adaptation



## Medical Equipment

### Applications

- Robotic Surgery
- Laser Surgery
- X-Ray Systems
- PET Scanners
- Ultrasound
- Surgical Drills
- In vitro Diagnostic Equipment
- Therapeutic Equipment

### Solutions

- Precision Magnetics
- Stray Field Management
- Reduced Footprint/size

### Mutual Goals

- Improved Patient Outcomes
- High Throughput
- Rapid Detection
- Precise Diagnosis



## Life Science

### Applications

- Mass Spectrometers
- Electron Microscopes
- Molecular Biology
- Genomics
- NMR

### Solutions

- Optimized Separation
- Precision Magnetics
- Stray Field Management

### Mutual Goals

- Accuracy
- Reliable Results
- Maximize Productivity
- Optimal Outcomes

