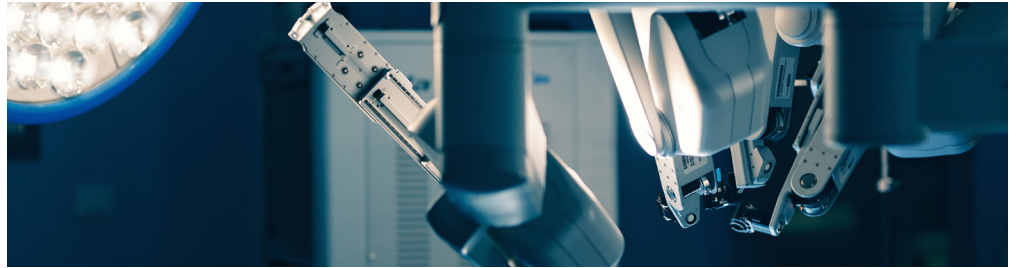


Precision Mechanical Components and Complete Engineered Solutions for the Medical Device and Healthcare Industries



Our Certifications

ISO 9001 + AS9100
ITAR Compliant-DDTC Registered
DFARS Compliant
RoHS & R.E.A.C.H. Compliant
NIST SP 800-171 Compliant

Proven Performance and Unsurpassed Experience

We provide small mechanical components and customized assemblies to the medical device and healthcare industries worldwide. Engineers use our miniature components in complex medical devices that perform a variety of functions; consisting of non-corrosive plastics, high density polymers, flexible elastomeric materials, and a wide variety of alloys such as stainless steel, titanium, or aluminum, these components help engineers:

- Impede mechanically transmitted noise.
- Reduce product weight and improve system mobility.
- Dampen vibration.
- Create products that perform in sterilized environments.

Our plastic products run without lubrication so they can be used in clinical environments where contamination would be problematic or detrimental to health and safety.

Our components and assemblies are backed by the highest quality customer service and technical support. We offer comprehensive engineering services, design reviews and value added engineering with the goal of providing optimal design to cost manufacturing methods. The result is quality components at the best price possible.

Providing Components and Engineered Solutions to Meet Your Needs

Rapid development, prototyping and testing of your designs are easily accomplished with thousands of in-stock medical device components that can be ordered in one convenient place. Products include gears, timing belts and pulleys, couplings, bearings, shafts, gear-heads and speed reducers, clutches and brakes, and other mechanical motion components. If you can't find a standard part to meet your needs, our engineers can create a custom part to meet your exact requirements. Our expertise is not limited to precision mechanical components. We can engineer and manufacture custom assemblies with world-class quality and reliability.

Applications

Our applications span the entire spectrum of medical/healthcare products, including:

- Measuring Devices
- Diagnostic Equipment
- Laboratory Analysis Equipment
- Medical Pumps and Drives
- Therapeutic and Assisted Living Devices
- Fitness Equipment
- Blood Analyzing and Processing
- Medical and Dental Instruments
- Printing/Recording Devices
- Surgical Devices
- Robotic Surgery
- Pharmaceutical Processing and Packaging
- Patient Positioning
- Minimally Invasive and Surgical Gear Drives



ENGINEERED SOLUTIONS FOR A WORLD IN MOTION

Designatronics inc.

Completely Modern Facilities and Equipment

Our commitment to quality results in superior products. We use the newest technology to provide you with the best products possible. As a precision gear and timing pulley manufacturer, we excel in every aspect of the process: milling, turning, grinding, drilling and gear cutting. Our facility accommodates short runs to high-volume production runs. An on-site ISO Class 7 cleanroom is used for assembly and testing. NADCAP and customer approved facilities are used for heat-treating, plating, and painting. We machine in many materials including stainless steel, aluminum, plastic, brass, bronze, steel alloys and titanium.

Our Credentials Include

- AS9100
- ITAR Complaint - DDTC Registered
- RoHS Compliant
- R.E.A.C.H Compliant
- ISO 7 Class 10000 Cleanroom

Customers

Our medical industry customers include:

- Abbott Laboratories
- Drager Medical Systems, Inc.
- Hill-Rom
- Hologic Surgical Products
- Instrumentation Labs
- Intuitive Surgical
- Medtronic
- Moog, Inc.
- NxStage Medical, Inc.
- Siemens Healthcare

3D Printing • High-resolution plastic 3D printing capabilities for prototypes and low rate production.

Learn more: www.sdp-si.com/3D-printing

