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Schivo is a Medical Device manufacturer and life science instrument expert providing mechanical and electro mechanical solutions from complex components to finished device assemblies. Schivo partner with customers to build devices, implants, tools, robotics and instruments for minimally invasive surgery, orthopaedics, cardiovascular, structural heart, neuro surgery, ENT, maxillofacial and analytical life science systems.

Schivo support customers from device and analytical systems needs with a range of services from prototyping, design for manufacturing through product development, product transfers, volume manufacturing, design for assembly to full product build and test.

Our Capabilities



Additive Manufacturing

Additive Manufacturing (3D printing) has revolutionised manufacturing, enabling the production of prototypes, tools and final parts directly from CAD data, thereby reducing costs and delivery times.

- ▶ Prototyping (3D printing)
- ▶ Rapid Machining Turnaround
- ▶ Development of Assembly & Test Methodologies



Precision Engineering

Expertise in precision machining for a wide range of materials including polymers and metals.

- ▶ Milling
- ▶ Conventional Turning
- ▶ High Accuracy Swiss Turning
- ▶ Finishing
- ▶ Assembly
- ▶ Product Testing
- ▶ DFM
- ▶ Prototyping

We Listen
We Develop
We Create

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Metal Solutions

Machining and fabrication of products in a wide variety of metals and metal alloys, up to and including exotic alloys with extensive experience of metal finishing and treatment processes and Additive Manufacturing.

- ▶ Machining
- ▶ Additive Manufacturing
- ▶ Metal Finishing
- ▶ Component Verification.

Assembly

Assembly capabilities in testing sub-assemblies and completed instruments, from Supply Chain to testing products in strictly controlled cleanroom & white room environments.

- ▶ Cleanroom Electromechanical Assembly
- ▶ White Room Instrumentation Assembly

Polymer Solutions

Many engineered polymers form the basis of medical devices and Schivo have experience with processing all common polymer variants.

- ▶ Machining
- ▶ Additive Manufacturing
- ▶ Component Verification

Finished Devices

Supply of fully completed medical devices which are tested, packaged and labelled. Our manufacturing control systems ensure that the Device History Record (DHR) is generated throughout the manufacturing process and maintained on completion of the instrument or device.

- ▶ Final Assembly
- ▶ Testing & Inspection
- ▶ Packaging & Labelling
- ▶ Sterilization Management
- ▶ Regulatory Support