The University of Vermont

IMF Instrumentation & Model Facility

Turning Ideas into Instruments

Machining Services

- Single part, assembly and small volume production runs
- Machining, cutting, drilling, bending, grinding, threading, welding, sawing, anodizing, annealing, sandblasting, painting, and assembly
- Acrylic, stainless steel, aluminum, ceramic, and other materials fabrication
- Lathes, shearing, bending, grinding polishing, and pressing apparatus
- Hurco VM-1 machining center and two Bridgeport EZ-Trak computerized mills
- Access to glassblowing, coating & anodizing
- Heliarc, TIG, spot, and gas welders for steel, stainless, aluminum and other materials
- SolidWorks, DSM, & CamWorks, computer aided design/machining
- 3D Printing using Objet Polyjet technology to provide a variety of material choices

Serving Academic Research & Commercial Enterprises

For over forty years, IMF has collaborated with researchers at UVM and other universities, hospitals, and government organizations, as well as innovators at commercial enterprises in science, technology, research, manufacturing, engineering, and product development. IMF staff can either take your ideas and basic requirements and turn them into a prototype or fabricate a part or device from your detailed specifications and drawings. We also rapidly and cost effectively assemble products that interface with your systems or are modules within your total design.

IMF provides initial consultation at no cost, introductory rates for new customers, and quotations for work if requested. We actively work with clients to develop solutions that you seek, on time and on budget.

Instrumentation and Model Facility (IMF)

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