

SDM Plastics, Inc. a full service custom injection molder and toolmaker. offering a wide range of services such as: Rapid Tooling and Prototyping, Secondary Operations and Engineering Assistance

MOLDING



Molding Machines: 35 thru 220 Ton

SDM processes a wide range of Engineered and Commodity resins which include: Polycarbonate, PVC, ABS, Nylon, Ultem, HDPE and Liquid Crystal Resins
Our production molding department offers:

- ▶ High and Low run volume programs
- ▶ Over-molding
- ▶ Insert Molding



TOOLING



In-House Mold Making

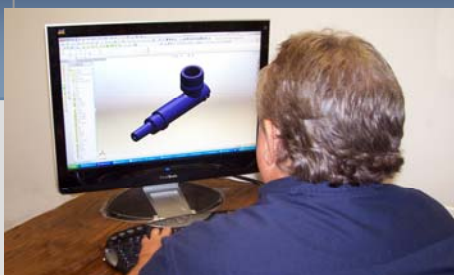
Preventative tool maintenance is provided at no charge.
Tooling maintenance system tracks all work records

Tooling Capabilities

- ▶ Class A / SPI 101 Production Molds
- ▶ Hot Runner Systems
- ▶ Insert Mold Program for expedited parts
- ▶ Rapid Prototype Tools
- ▶ Secondary Process Fixtures



ENGINEERING

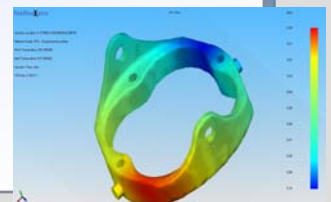


Part & Product Design Capabilities

- ▶ Product Solid Modeling
- ▶ Complete Documentation
- ▶ Stress Analysis using Cosmos
- ▶ Design for Manufacturability
- ▶ FDM Rapid Prototypes

Tooling & Process Design Capabilities

- ▶ Solid Model Mold Design
- ▶ Process Validation Protocols
- ▶ Full Process Documentation



ASSEMBLY



Complete Assembly and Secondary Capabilities:

- ▶ Ultrasonic Welding
- ▶ Solvent Welding
- ▶ Product Packaging Available
- ▶ Labeling
- ▶ Pad Printing
- ▶ Hot Stamping
- ▶ Assembly/Electro-Mechanical
- ▶ JIT and Kanban



CLEAN ROOM



Clean Room Molding & Assembly

Certified Class 100,000 Clean Room

Including assembly & packaging.
Ultra Sonic Welding and Bonding
Pad Printing

QUALITY



ISO 13485 - 2003 Certified
ISO 9001 - 2008 Certified
FDA Registered
UL Recognized

Statistical Process Monitoring
Lean Manufacturing 5s and Six Sigma



INDUSTRIES



MARKETS SERVED:

- ▶ Medical / Bio-Tech Devices
- ▶ Electronic Devices & Components
- ▶ Pool / Spa Products
- ▶ Irrigation
- ▶ Commercial & Consumer Products

GENERAL



YEAR ESTABLISHED: 1994

FACILITY: 28,000 Sq. Ft.

CAPACITY: 25 Machines

Additional Services:

- ▶ Rapid Prototyping - FDM
- ▶ Mold Insert Program. This program offers reduced tooling cost as well as expedited part delivery.