

# Specialty Molding

60 years of experience with complex molding projects working with highly engineered performance medical plastics—creating premium, high-quality components and fully assembled medical devices.



## Core Competencies

- Insert molding, over molding, two-shot molding, and micromolding
- Bioresorbable and Implantable components
- Secondary assembly
- Automation systems
- Ultrasonic degating
- Finished device assembly, packaging and sterilization management

## Assembly and Secondary Operations

- Automatic assembly machines
- Ultrasonic welding
- Pad printing
- Heat staking
- Laser marking
- Sub-assembly
- Annealing
- Product and package testing
- Milling
- Bar code printing
- Bonding and UV cure

## Products Manufactured

- Surgical handles
- Miniaturized screws, anchors, and fasteners
- Fixation devices
- Burrs and shavers
- Drill guides
- Site preparation components
- Knee and hip trial / sizing components
- Bioabsorbable Implants

## Technical Services

- Design for Manufacturing
- Additive manufacturing
- Full service tooling, mold making and mold maintenance
- Scientific Injection Molding Processes
- Documented IQ/OQ/PQ and PPAP procedures
- DOE
- Full program management

## Engineered Materials

- PLA/PLGA/PLLA
- Bio-Composites (TCP)
- PEEK/PEI/PPSU
- Polysulfone
- Ixef® PARA
- Polycarbonate
- PC-ABS
- Highly filled glass materials

## Quality

- ISO Class 8 cleanroom manufacturing
- Enterprise QMS
- Continuous improvement programs
- In-house metrology lab
- Statistical process control
- Real-time QC Data Capture
- Certified to ISO 13485; FDA Registered

