



## PLASTIC MOLDING TECHNOLOGY

### PMT SOLUTIONS

# Medical Molding When It's Mission-Critical

Plastic Molding Technology solves customer challenges to reduce supply chain risk and remove complexity. We offer broad capabilities coupled with technical expertise to bring forward-thinking solutions for medical device customers.



### INJECTION MOLDING

- Custom injection molding, insert molding & overmolding
- Expertise in plastic gear molding
- High-volume manufacturing
- 110,000 sq. ft. of molding space
- 100 injection molding machines ranging 25–500 tons
- Full assembly capabilities

### THERMOFORMING

- Highly accurate, controlled processes for structural skins and enclosures
- Heavy-gauge thermoforming
- Vacuum, pressure & drape forming capabilities
- 70,000 sq. ft. of thermoforming space
- 9 thermoforming lines
- On-site tool fabrication

### EXTRUSION

- Custom profile, pipe and tubing extrusions
- Made-to-order and high-volume extruded plastics
- Versatile production and material processing solutions
- 15,000 sq. ft. of dedicated extrusion space
- 5 extrusion lines

### ENGINEERING & DESIGN

- Prototyping
- Product development
- Resin selection
- Design For Manufacturability (DFM)
- DOE & IQ/OQ/PQ capabilities
- On-Site tool design & build
- Custom automation

### FINISHING & ASSEMBLY

- CNC machining
- In-house painting
- EMI / RFI shielding
- Laser marking
- Pad printing & hot stamping
- Kitting & specialty packaging
- Automated & manual assembly

### INSPECTION EQUIPMENT

- Automatic Vision Systems
- Keyence Rapid Dimension Measurement System for small parts
- Keyence Wide Area Coordinate Measuring Machine for large parts
- VariRoll Gear Inspection System
- Coordinate Measuring Machines

**QUALITY FIRST**



**plasticmolding.com**