



# Illuminating Your Journey. A Safer Path.



Manar is your guiding light in navigating production challenges. Like a lighthouse guiding ships past destructive hazards, Manar helps you avoid disruptions, delays, quality issues and restricted scalability. Our employee-owners blend plastic injection molding expertise, flexibility, innovation and advanced technology to steer your business and products to success.

Time is critical for getting medical innovations to market. Partner with our experienced in-house design, quality, manufacturing and process engineer teams to carefully and precisely fast-track your project through each stage.

## **Class I and II Parts and Assemblies**

From orthopedics to oximeters, wearables to wound care, we are poised to meet your plastic injection molding needs. We can provide components and products for:

- Bioprocessing filtration
- Catheter assemblies
- Diagnostic equipment
- Drug delivery systems
- Endoscopic and laparoscopic devices
- Hearing aids
- Neurological surgery instruments
- Ophthalmic devices
- Orthopedic supports and braces
- Patient monitoring
- Pulse oximeters
- Surgical robotic solutions
- Wearable technologies
- And your latest invention





## Medical Device Plastic Injection Molding and Assembly

### Manar Medical Provides

- Prototyping
- Additive manufacturing/3D printing
- Thermoplastic injection molding
- In-house tool design
- Seamless tool transfers
- Hard to mold and medical-grade materials
- Process validation
- Gas-assist injection molding
- Third-party sourcing
- Fully automated assembly
- Value-added services

### Secondary Operations

- Laser etching
- Ultrasonic and spin welding
- Pad printing
- Kitting
- Final device assembly
- Packaging



## QUALITY AND SUSTAINABILITY RUN DEEP

Quality and sustainability aren't afterthoughts. They are ingrained in everything we do. Manar operates four ISO 9001 facilities, two ISO 13485 certified plants and a white room for medical molding. Our quality experts deliver process validation, including IQ, OQ and PQ, to get early-stage medtech projects to market, ensuring patients have access to novel therapeutics and diagnostics. Additionally, Manar is dedicated to continuous improvement and is working toward achieving net-zero certification.

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