

SINGLE-SOURCE TOOLING SPEEDS TIME TO MARKET

For more than 30 years, Vention has been an industry-leading provider of tooling and injection molding for the production of complex medical device components and assemblies. We've recently expanded our capabilities to include early-stage prototype and bridge tooling within a newly created Tooling Center of Excellence. This center enables you to work with a single source from design through manufacturing.

Vention Medical's Single-Source Tooling solution allows your team to reduce overall time to market and development costs by partnering with us from the earliest stages of the product development process through production.

With Single-Source Tooling, you can work with our design engineers to design for manufacturability (DFM) and scalability earlier in the process, giving you a head start on product development and a seamless transition into production.

Single-Source Tooling also helps you to manage risk. Throughout the process, our engineers act as an extension of your engineering team, managing each step of the program so that you avoid the pitfalls of working with multiple vendors, such as time lost in technology transfer, risk of mistakes and delays, additional ramp-up costs, and project management hassles.

Let Vention help speed your product to market by partnering with your team from day one.

WE HAVE IN-DEPTH EXPERTISE IN:

- Hot-runner molds
- Unscrewing molds
- Insert molding
- Two-shot molding
- In-mold labeling
- High-temperature resins
- Fully automated work cells
- Scientific injection molding principles

WE OFFER THESE INTEGRATED QUALITY SYSTEMS:

- ISO 13485 certification
- Advanced product quality planning
- Integrated quality engineering support

Vention's full range of tooling capabilities includes:

PROTOTYPE TOOLING

- DFM engineering support
- Turn-around of 2-4 weeks, depending on design complexity
- Parts certified by Vention
- Guaranteed tool life up to 5,000 shots

BRIDGE TOOLING

- DFM engineering support
- Low-cavitation molds
- Mold design
- Turn-around of 6-8 weeks for first parts with First Article Inspection Results
- Quick design iteration support
- Dedicated tool development work cell
- Guaranteed tool life up to 1 million shots

PRODUCTION TOOLING

- DFM engineering support
- High-cavitation molds
- Detailed mold design
- SPI Class 101 and 102 tools
- Full-service, on-site tool shop to handle revisions, maintenance, and repairs
- Guaranteed tool life of 1 million shots and above