



## GENERAL CAPABILITIES

Industry demand for single-use components has increased and so has lead times and expenses for these specialized solutions. With fast, flexible and efficient manufacturing skills, WHK BioSystems can meet your single-use demands with cost-effective, time-sensitive results.



### DESIGN SERVICES

Experienced staff and hi-tech labs allow us to design products without losing sight of cost, quality or delivery.

- Medical Device Contract Manufacturing
- In-house laboratory to conduct rapid testing
- Custom injection molding
- Tooling design and validation
- Regulatory body knowledge and industry experience



### COMPLEMENTARY MANUFACTURING SERVICES

WHK BioSystems offers a full suite of fabrication capabilities to complete every project with innovation and quality.

- 3D printing and rapid prototyping
- RF Welding
- Precision plastic machining
- Laser cutting and engraving
- Custom packaging and kit assembly



### MEDICAL TUBING EXTRUSION

Advanced extrusion technology designed to accommodate a variety of applications ranging from biotechnology to catheter tubing.

- Broad range of material options (TPE, PP, FEP, PVC, PE)
- Sterilization services available
- BPA, Latex and Phthalate-Free material options
- Laser and ultrasonic measurement systems for precise dimensional control
- Custom printing and packaging available



### CLEANROOM MANUFACTURING

Specializing in products designed for the life science and medical device industries. Certified cleanroom includes injection molding, extrusion, device assembly capabilities.

- ISO 13485:2016 certified
- FDA Registered
- ISO Class 7 cleanroom
- Comprehensive quality control systems
- Sterilization management options available



### FLUID TRANSFER PRODUCTS

Critical fluid management solutions for the life sciences industry designed to reduce cross contamination, simplify cleaning validation and increase productivity.

- Industry expertise includes laboratory consumables, aseptic liquid transfer and custom tubesets
- Gene, cell and plasma therapy applications
- Private labeling available



### INJECTION MOLDING

Maintaining in-house design and tooling capabilities dramatically reduces production time of components.

- Specializing in TPE and silicone materials
- Our diverse injection press sizing allows for full production scalability
- Experienced engineering team with material and processing expertise to handle the most demanding requirements

