



We eliminate the challenges, you capture the market.

Design & Manufacturing Space: 60,000 sq. ft

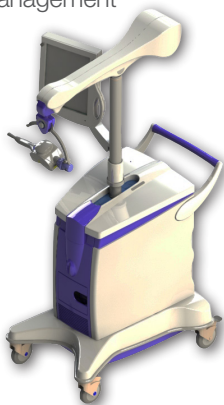
Industry Focus: Medical & Biotechnology
Industrial & Commercial

Overview:

Sparton's Ohio operation located in Strongsville, near Cleveland, is uniquely qualified to manufacture for OEMs in the medical and industrial market-spaces. From start-ups to the most recognizable medical device companies in the world. We can manage the full turnkey product value stream and operational portfolio, and with after-market services and obsolescence management, we can be your partner for all. In addition to our design and manufacturing capabilities, Sparton can add value by managing service support, organizing reliability studies, and driving cost reductions for our customers to gain a competitive advantage.

Key Design Capabilities:

- Full Service (ME, EE, SW, SE, PM) medical design and engineering
- Extensive experience with instrumentation and device development
- Engagement at any point from concept to production
- Specification and concept development
- Engineering and pre-production builds
- Design verification and compliance testing
- Risk management
- Reliability studies
- DHF management



Certifications:

- ISO 13485
- FDA/QSR registered-class I, II, and III
- MFI licensee
- Six sigma master black belt
- LEAN manufacturing
- RoHS and reach, IEC 60601-1, UL, CE, ETL, TUV, CAS, ISO Class 8, ISO 14971:2007, IEC 62304, 21 CFR80

Application Experience:

- In vitro diagnostics
- Infusion systems
- Rental therapy
- Respiratory diagnostics
- Intravenous device control
- Therapeutic Devices
- Wound Management
- Cosmetic surgery

Services:

- Supply chain management
- Transparency and open book pricing
- IP creation and customer owned

Technological Expertise:

- Systems development & integration
- Consumables development
- Analog and digital processing
- Sample and reagent handling
- Fluidic control
- Thermal control
- Motion control
- Optics integration
- Sensor technologies
- Fuel cell technology
- Power supply & management
- Wireless technologies
- Battery power
- User interfaces

Strongsville | 2015

22740 Lunn Road, Strongsville, OH 44149
440.878.4630

Sparton is a trademark or registered trademark in the U.S. and & or other jurisdictions of Sparton Corporation. All trademarks and registered trademarks are the property of their respective owners.





sparton

STRONGSVILLE, OHIO
MANUFACTURING
FACILITY SNAPSHOT

We eliminate the challenges,
you capture the market.

Design & Manufacturing Space: 60,000 sq. ft

Industry Focus: Medical & Biotechnology
Industrial & Commercial

Overview:

Sparton's Ohio operation located in Strongsville, near Cleveland, is uniquely qualified to manufacture for OEMs in the medical and industrial marketspaces. We work with start-ups to the most recognizable medical device companies in the world. We manage the full turnkey product value stream and operational portfolio, and with aftermarket services and obsolescence management, we are your partner for all. In addition to our design and manufacturing capabilities, Sparton adds value by managing service support, organizing reliability studies, and driving cost reductions for our customers to gain a competitive advantage.

Key Manufacturing Capabilities:

- High-level electromechanical assembly and subassemblies
- Full-Functional wet testing and calibration
- Process validation
- Mature quality management system
- Schedule flexibility and responsiveness to meet fluctuations in demand
- Cost containment for low to mid volumes and small run quantities
- High-performing, cross-functional teams dedicated to program

Application Experience:

- Renal filter processing
- Cosmetic surgery
- Molecular diagnostics
- Endovascular surgery
- Patient monitoring
- Guide wire navigation
- Chromatography
- Therapeutic
- In vitro diagnostics
- Drug delivery
- Neurological electrical simulation
- Wound management
- Ophthalmology
- Endoscopy

Services:

- Inventory management
- Direct shipment to end user
- Supply chain management
- Transparency and open book pricing
- IP creation and customer owned
- Repair and refurbishment

Technological Expertise:

- Precision fluidics
- Lasers
- Blood filtration
- RF based signal processing
- Power supply
- Electronic signal processing
- Power supply modulation
- Robotic handling
- Raid thermal controls
- Optics

Certifications:

- ISO 13485
- FDA/QSR registered-class I, II, and III
- MFi licensee
- Six sigma master black belt
- LEAN manufacturing
- RoHS and reach, IEC 60601-1, UL, CE, ETL, TUV, CAS, ISO Class 8, ISO 14971:2007, IEC 62304, 21 CRF80



Strongsville | 2015

22740 Lunn Road, Strongsville, OH 44149
440.878.4630

Sparton is a trademark or registered trademark in the U.S. and & or other jurisdictions of Sparton Corporation.
All trademarks and registered trademarks are the property of their respective owners.

© 2015 Sparton Corporation.