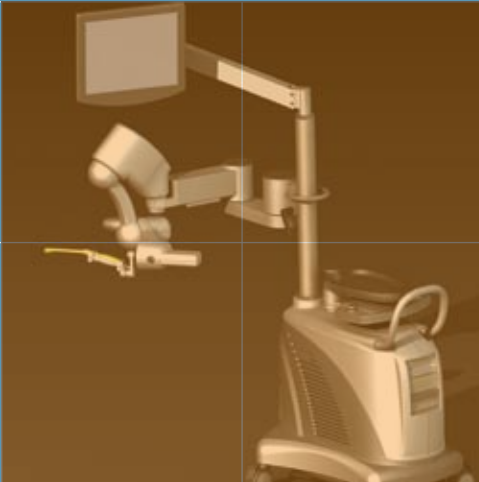




DeviceLab, Inc.

Product Design • Engineering • Software • Prototypes



custom medical carts
and Point of Care instruments



custom medical carts

DeviceLab is the "go-to" company for medical cart design and development. We have successfully completed numerous medical projects efficiently and affordably over the years.





specialized skills

We are experts in plastic part design, electronics, controls, display, sheet metal structures, and complex mechanisms. Our products are designed to pass FDA product safety requirements and good manufacturing practices. Our experience and expertise enable us to create market-driven designs and deliver new or enhanced products for maximum market impact quickly and cost-effectively.



capabilities

Industrial Design

- Industrial Design Concepts
- CAD Models
- Product Rendering
- Foam Mockups and Functional Models
- Usability-Engineering
- Operator-Device Software Interface
- Ergonomic Analysis
- Competitor Product Analysis

Electronic and Software Systems

- System Requirements
- System Architecture
- Hardware, Software and Firmware
- Programmable Logic - FPGA, CPLD
- Battery Powered / Portable Products
- Electro-optics and Motion Systems

Mechanical Engineering and Design

- Medical Carts
- Disposables
- Handheld
- Electromechanical Integration
- Solid Modeling
- Mechanisms
- Design For Manufacturing
- Rapid Prototyping
- Vendor Liaison

Prototype and Production

- Rapid prototyping
- Sterolithography
- Sheet Metal
- Machining
- Assembly and Test
- Debug
- Pilot Production

Creative Challenges Welcomed

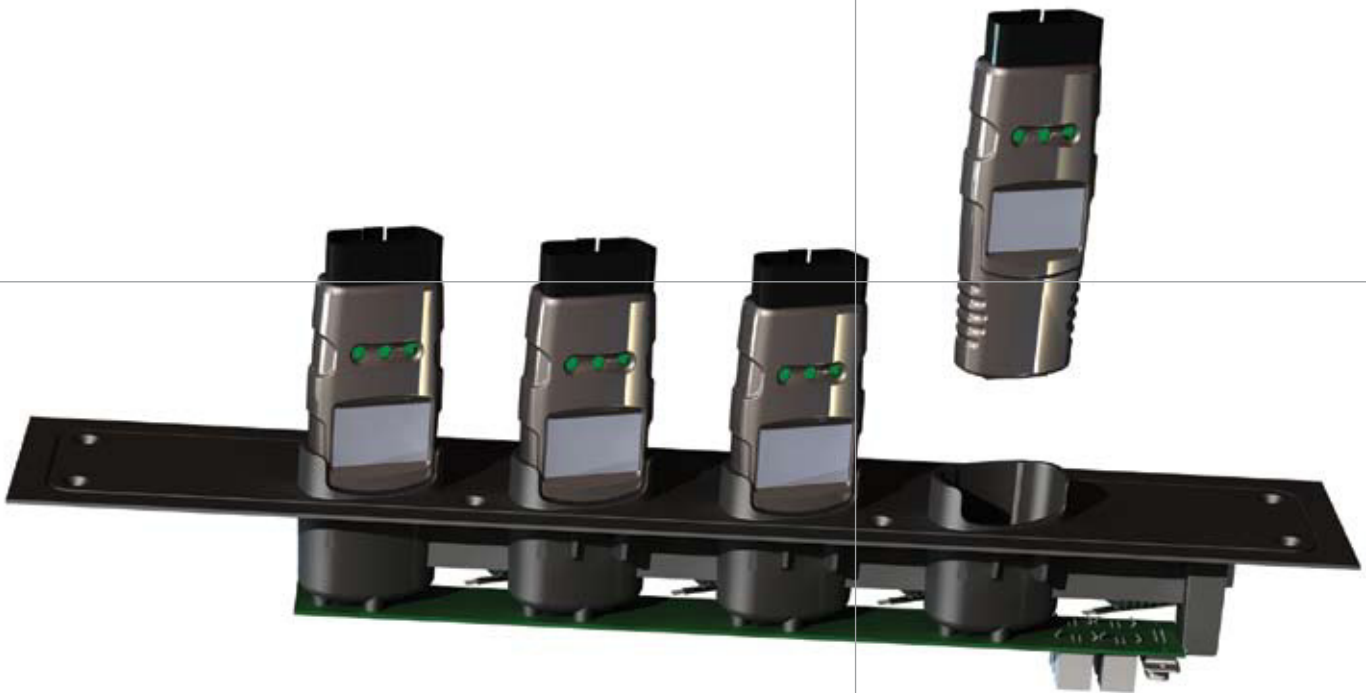
Regardless of the complexity of your product concept or the technologies involved, DeviceLab has the design and engineering expertise to create the optimal blend of form, features and function. Services range from idea generation, through prototyping and pilot production.

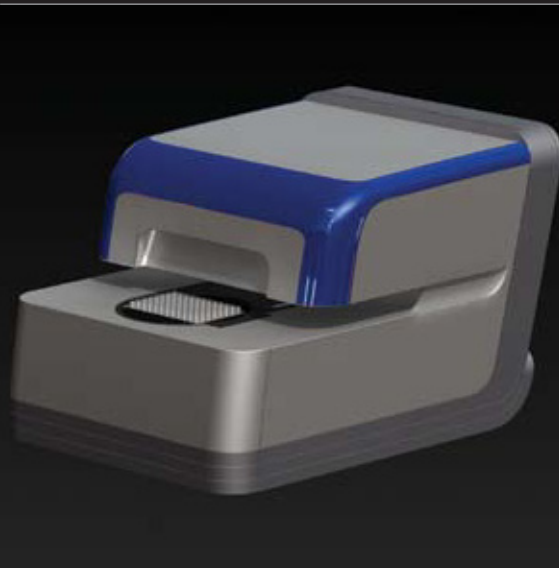


ready. reliable. responsive.

featured services

- Rapid Sheet Metal Prototyping
- Diagnostic Assay Development
- Disposables Design
- Fluorescence Reader Detector
- Lens Design and Analysis
- Optical Systems Design
- Fiber Optic Design
- Thermal Analysis
- Finite Element Analysis
- Machine Vision Integration
- Endoscope Design and Engineering
- Plastic Parts Design and Engineering







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