

## Job Description: Staff Mechanical Engineer

### The Top Line

This is your chance to join an awesome, growing and fast-paced company creating UNbelievably cool life science products! Because we take an unconventional route to product development, there is always a cool new technology to learn and develop. Interested in finding out about our product development approach? We are looking for an amazing engineer to join us and drive the design and development of our instruments.

Our ideal candidate is enthusiastic, flexible and eager to attack new challenges. They will work with other engineers and scientists to specify, design, validate and test new and existing instruments. The Staff Mechanical Engineer will be responsible for many aspects of the product design. This Engineer should also have experience in the life science industry.

### The Job

- Full-time Engineer
- Excellent benefits
- Small team of people who are awesome, smart, and love what they do
- Tons of growth potential in the future

### Responsibilities

- Designing new products and scientific instrumentation
- Management of complex top level assemblies in SolidWorks and PDM Vault
- Document new and old designs
- Work with marketing, science, and engineering teams to solve complex problems
- Presenting complex engineering concepts to non-technical audiences
- Hands on work assembling prototypes
- Be flexible and ready when the going gets tough to help us do whatever needs to get done to meet our customer's needs

### Qualifications

- A strong technical background in the development of complex instrumentation for the life science or medical industry that involve multiple sub-systems including modules for optics, fluidics, electronics, and various mechanical assemblies.
- A strong understanding of mechanical theory with the ability to design, validate and build mechanical and mechatronic systems.
- Experience managing top complex top level assemblies in SolidWorks
- Experience designing instrument chassis.
- Instrument ID experience a plus
- Expert with SolidWorks
- Experience with designing motion control systems and automation

- Experience designing for thermal management and thermal control systems
- Excellent geometric dimensioning and tolerancing skills
- Excellent documentation, organizational, teamwork, troubleshooting, problem solving, and communication skills
- Experience working in the life sciences or medical industry
- Requires a bachelor's degree in an Engineering or Scientific field or equivalent with 15+ years of experience.