

**Job Title:** Mechanical Engineer  
**Job Code:** ME20-01  
**Reports to:** Vice President of Engineering  
**Location:** Burlington, MA



-- NO AGENCIES PLEASE --

## **Summary:**

RedShift BioAnalytics is seeking a Mechanical Engineer to support the development of analytical instrumentation for the characterization of biologic drugs. The position is both exciting and challenging, with exposure to automation, microfluidics, thermal management, and opto-mechanics in addition to instrumentation design.

## **Minimum Required Skills/Experience:**

This position will be in a fast paced, multi-project environment where one can make an immediate impact on the product, and requires:

- A degree in mechanical engineering or a related field is required
- Entry level candidates will be considered if they meet the minimum qualifications
- High level of proficiency in Solidworks
- Knowledge of the development and successful release of products to manufacturing.
- Geometric dimensioning and tolerance (GD&T) experience.
- Ability and willingness to create, dimension, and tolerance part and assembly drawings
- Knowledge of machining and fabrication techniques for prototypes and production.
- Strong hands-on mechanical and bench skills, with ability to perform detail-oriented work including assembly, test, troubleshooting and product verification testing.
- Extremely motivated and willing to work in a fast-paced environment, with a hard-working multi-disciplinary team.
- Excellent oral and written communication skills including writing and executing protocols and generating reports, presenting test results and design reviews.
- Strong interpersonal, oral and written communication skills are essential.
- Strong team player, both within engineering as well as with our business teams.
- Willingness to travel up to local suppliers as needed
- Unrestricted right to work in the United States.

## **Other Valued Skills/Experience:**

- Strong commercial product orientation, including prior experience and a track record of success in laser product development and manufacturing transfer.
- Familiarity with fluid control components and system architecture.
- Skilled in selecting components with regard to performance and chemical compatibility.
- Understanding of design for manufacturability and serviceability with focus on cost containment.
- Experience interfacing directly with outside vendors and/or design firms.
- Ability to support our manufacturing team in generating work instructions and RCCA of manufacturing and product issues.
- Ability to specify and lead the development of manufacturing test fixtures and software.

## **Location**

Work will be performed at our office located at:

131 Middlesex Turnpike  
Burlington, MA 01803

No relocation assistance is available with this position.

## **About RedShift BioAnalytics:**

RedShift BioAnalytics is developing powerful new analytical tools for the R&D, life science and biopharmaceutical markets. Our measurement solutions combine tunable lasers, microfluidics, and automation technologies to achieve revolutionary improvements in performance and analytical capabilities. At RedShift, we provide customers with solutions that accelerate product discovery, development and manufacturing while enabling dramatic improvements in performance, efficiency and cost.

We have developed major partnerships with industry leaders, attracted top talent to our executive and advisory teams, and received strategic and venture funding to support our product introductions and continue to build our team. Our team members are innovators who push beyond the status quo to create one of the most promising technology start-ups in the Boston area.

This position is open for immediate hire. The company provides very competitive salaries as well as a full benefit plan including medical, dental and 401(k) savings.

To apply, please send a cover letter and resume referencing the job title to:  
[careers@Redshiftbio.com](mailto:careers@Redshiftbio.com)

### **WE ARE AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER**

RedShift BioAnalytics affords equal employment opportunity to all qualified persons regardless of race, color, religious creed, national origin, age, military status, sexual orientation, disability, genetic information, gender identity, gender expression or gender unless based upon a bona fide occupational qualification. Please view Equal Employment Opportunity Posters provided by OFCCP [here](#).

