

Mechanical Engineer

Reports to:

Assoc. Director, Mechanical Engineering

Overview

Portal Instruments seeks a curious, detail-oriented engineer to join the product development engineering team.

Role and Responsibilities

- Design and refine the mechanical hardware for Portal's needle-free drug delivery system.
- Design and build test fixtures for prototype testing.
- Support the transfer to manufacturing and commercial launch of Portal's first generation product including build support, failure analysis, and product improvements.
- Contribute to the design and definition of Portal's next generation products.
- Develop and execute test plans to verify system performance.
- Document design decisions and specifications.

Required Skills and Experience

- Bachelor's degree in Mechanical Engineering or Manufacturing Engineering
- 0-3 years in a product development or manufacturing environment
- Experience with system testing and documentation for medical devices is a plus.
- System integration experience within a cross functional (electrical, mechanical, software) team.
- Proficiency in 3D solid modeling; SOLIDWORKS specific experience is desirable
- Strong work ethic and capacity to multi-task
- Excellent organization and communication skills.
- Portal strives to build a team with a diverse skillsets. Our product is a highly integrated electromechanical system. Our team has a diverse set of skill sets, and many of us work across multiple disciplines; If any part of the description above sounds like something you've worked on, we'd love to talk to you.



About Portal Instruments

Portal is transforming medicine by allowing chronic patients to self-inject their biological drugs with a needle-free device. This innovative drug delivery system replaces auto-injectors and is overwhelmingly patient preferred. Issued from MIT Research and easily connected to the cloud, the Portal device allows biopharmaceutical companies to augment their biological therapies and differentiate them from competitors. The device captures injection data in real time and transmit those via the cloud to all stakeholders for optimal care. Portal's business model is to partner with biopharmaceutical companies and co-develop drug/device combination products. The company has partnerships with Takeda Pharmaceuticals, LEO Pharma, Sanofi SA and 3M. It is currently at the pre-launch stage with pilot lines producing products for clinical evaluation. Come join us on this exciting journey of making chronic patient care and comfort a priority.

Working at Portal Instruments

- Portal Instruments is looking for unique individuals who want to make a difference in the lives of patients and how medicines are delivered today
- Portal Instruments offers employees the opportunity to work in a fast-paced start-up that values innovation, creativity, accountability, teamwork, and openness while providing excellent leadership and development opportunities
- Portal Instruments is committed to challenging implicit bias and creating an equitable work environment. We are proud to be an equal opportunity employer. All qualified candidates will receive consideration without regard to race, ethnicity or national origin, sexual orientation, gender identity or expression, genetics, military service, age, family status, or disability.
- Portal offers a competitive salary, a comprehensive benefits package, including stock options, a 401(k) retirement plan, a health and dental plan and a chance to make a difference in the lives of thousands of patients.

To Apply: Please submit a resume and cover letter to: careers@portalinstruments.com. You will be contacted if your background meets Portal's needs.