



Junior Mechanical Engineer

Reports to:

Manager, Mechanical Engineering

Overview

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

Role and Responsibilities

- Support design and development of the Portal cartridge (primary package container for pharmaceutical drug)
- Support engineering activities at our contract manufacturer.
- Design and prototype custom test equipment to evaluate the performance of Portal product
- Perform analysis of the existing mechanical designs and provide ideas for improvement
- Work closely with contract manufacturers to facilitate seamless production
- Create robust documentation and conduct testing of proposed design solutions
- Perform statistical analysis of data collected during design testing and draw conclusions

Required Skills and Experience

- Bachelor's degree in Mechanical Engineering or Manufacturing Engineering
- 0-3 years in a product development or manufacturing environment
- Proficiency in 3D solid modeling; SOLIDWORKS specific experience is desirable
- Hands-on engineering skill with a proven ability to work well in a team environment
- Familiarity with basic machine shop equipment
- Excellent organization and communication skills
- Strong work ethic and capacity to multi-task
- Experience with ISO 13485 compliant quality management systems is strongly preferred



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.