GYROS PROTEIN Technologies

Mechanical Engineer

The Gyros Protein Technologies product development team is making products that are drastically changing how scientists use life science tools to become more productive. Reliable, high-performing mechanical designs are vital to our success in developing world-class enabling instruments.

Gyros Protein Technologies is seeking a qualified Mechanical Engineer to join our hardware development team for our peptide synthesis business. You will have the opportunity to participate in the development of projects from concept phases all the way through to production and field support. Flex your design skills to develop novel, cost effective solutions to complex problems including motion and temperature control, precision fluid measurement and ultra-high purity microfluidic applications. Our fully equipped, in-house machine shop allows prototype designs to be quickly fabricated, assembled and tested, allowing for a fast-paced and uniquely hands-on design experience.

Primary responsibilities include:

- Mechanical design, testing and evaluation of new instrument projects from conception through production and product care.
- Create and maintain mechanical documentation including but not limited to 3D models, assemblies, drawings, schematics and specifications.
- Work closely with other Electrical, Mechanical and Software Engineers to ensure individual designs meet the overall project goals.
- Participate in efforts to define new components, products or processes and identify technical challenges or risks.
- Suggest improvements or new technologies and participate in planning and implementation activities.
- Develop project specifications and time plans through collaboration with colleagues of other engineering disciplines and job functions.
- Troubleshoot manufacturing or functional issues (both on-site or in the field) to determine the root cause and suggest/implement preventative measures.
- Prepare technical reports or presentations and participate in design reviews.

4675 S. Coach Dr., Tucson, Arizona 85714 www.gyrosproteintechnologies.com Toll Free: (800) 477-6834 Tel: (520) 629-9626

Education and experience requirements:

Ideal candidate possesses a solid understanding of mechanical design principals, best practices and manufacturing processes.

- BS degree in Mechanical Engineering or directly related principal.
- Requires a minimum of 2 years of related hands-on design experience. Experience in the life sciences industry is a plus.
- Strong understanding of engineering fundamentals.
- Demonstrated ability to create fabrication and assembly drawings. Experience implementing GD&T is a plus.

PREFERRED SKILLS

- Must have experience with Solidworks CAD software.
- Desire to take ownership of some designs or engineering tasks and independently drive them to completion.
- Ability to interact with technical and non-technical staff, including participating in meetings with offsite or remote team members.
- Desire to take a hands-on design approach including the assembly and test of prototypes.
- Broad-ranging component design skills with experience in a variety of manufacturing methods for both low and high-volume production.
- Proficient in Microsoft Office (Word, Excel, PowerPoint). MS Project experience is a plus.
- Analytical, organizational and problem-solving skills - a must.
- Team-oriented and effective verbal and written communication skills.

Working Conditions

Indoor office, laboratory and manufacturing facility. Exempt, salaried position.

Physical Requirements

Frequent standing, walking and sitting. Must be able to lift objects 25 pounds or less. Good near and far eyesight including color recognition.

Direct Reports

None. Works as an individual contributor on Project Teams.

This position is in our Tucson, AZ office and reports to the Hardware Engineering Manager.

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About Us

Gyros Protein Technologies enables peptide synthesis and bioanalytical solutions that help scientists increase biomolecule performance and productivity in research, drug discovery, pre-clinical and clinical development, and bioprocess applications. Our low to mid-scale peptide synthesizer platforms are the Tribute®, Prelude® X, Symphony® X, and Sonata®. These solutions and our chemistries deliver uncompromising purity, flexibility, and quality for discovery and pre-clinical studies of simple to complex multifunctional peptides. Proprietary high performance nanoliter-scale immunoassay platforms, Gyrolab™xP workstation and Gyrolab xPlore™ are used by scientists in leading pharmaceutical, biotech, CRO, and CMO companies for bioanalytical applications such as pharmacokinetics/pharmacodynamics, immunogenicity, and quantitating bioprocess-related impurities. Our peptide synthesis and bioanalytical solutions accelerate your discovery, development, and manufacturing of safer biotherapeutics.

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