



**Title:** Senior Electrical Manufacturing Engineer – Instruments  
**Department:** Operations  
**Location:** Marlborough, MA

**About Akoya Biosciences:**

Akoya Biosciences, Inc., The Spatial Biology Company™, with offices in Menlo Park, CA and Marlborough, MA is a well-funded and emerging growth company that is developing powerful imaging tools to enable scientists and clinical researchers to gain a better understanding of complex diseases such as cancer and autoimmune disorders. Our CODEX® platform, spun out of the lab of Dr. Garry Nolan at Stanford University, enables the assessment of more than 40 protein markers in a sample and is ideally suited for biomarker discovery. Our Phenoptics™ platform, the industry standard for multiplex IF/IHC provides the assay robustness and throughput necessary for translational and clinical research required in clinical trials. Our partnerships with the academic community and our customers have resulted in a robust pipeline of future products.

**Position Summary:**

This position is responsible for Manufacturing Engineering support of the Instrument manufacturing processes in a Life Sciences Research manufacturing company with a highly complex technology. This position will interact with internal groups such as Product Development, Program Management, Quality, Customer Service, as well as with our CMO's. Functional responsibility includes involvement in all aspects of process, design and document review, process verification, bills of materials and routings creation, design of fixtures/tooling, and DFMA.

**Duties & Responsibilities**

- Work closely with the Assoc Director Manufacturing Engineering to coordinate the implementation of process improvements and equipment upgrade/development projects to increase product quality, manufacturing efficiencies, production yields, and reduction of product costs.
- Become a subject matter expert in manufacturing Akoya Instrumentation.
- Drive cost reduction efforts
- Provide Engineering support to Akoya's instrumentation's CMO's.
- Design/Develop/Implement fixturing and test equipment to ensure Akoya's products meet the high standards our customers expect.
- Analyze test data for shifts/trending.
- Develop test procedures and processes.
- Review requests for design changes and part substitutions, make recommendations as required.
- Perform system and PCB level root cause analysis and suggest solutions to the broader team.
- Execute component, module, and integration testing.
- Perform troubleshooting activities and work with other engineers to insure product functionality.
- Support NPI through process/fixturing development and DFMA.

**Skills & Requirements**

- Bachelor's Degree in Electrical Engineering
- 7+ years' experience in Manufacturing operations environment
- Familiarity with IEC 61010 (Electrical Safety), IEC 61326, and IEC 60601 (Medical Safety and Performance)
- Must have experience integrating, testing, and verifying complex electrical systems.
- Experience with creating and revising process documentation.



- Demonstrated experience with Lean Manufacturing and Continuous Improvement.
- Proficiency working with BoM's and Routings in Arena and NetSuite
- Experience with designing automated test equipment a plus.
- Experience with GMP- or ISO-certified operations required.
- Creative critical thinker, ability to think "outside the box".
- Demonstrated ability to work well within cross-functional teams as a team player is essential.
- Working knowledge of optics, lasers and camera systems preferred
- The ideal candidate will possess depth of experience in complex Opto-mechanical devices, new product transfer, contract manufacturing, and fixture/tooling design.

Akoya Biosciences, Inc. proudly 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.

Apply at: [careers@akoyabio.com](mailto:careers@akoyabio.com)