

## Instrumentation Process Engineer

MBio Diagnostics of Boulder, CO ([www.mbiidx.com](http://www.mbiidx.com)) seeks a versatile process engineer to help with pilot scale-manufacturing and process scale-up. MBio is a technology development company focused on next generation products for human clinical diagnostics, veterinary, and environmental applications. MBio products consist of a disposable plastic cartridge and portable reader used for a diverse set of biological assays. The right candidate will have demonstrated problem solving skills, the ability to develop test methodologies/protocols, and a track record of successful technical accomplishments.

### Job Duties:

The Instrumentation Process Engineer will be responsible for developing processes for, and performing, electro-mechanical and optical assembly in support of pilot-scale manufacturing of precision optical instruments. Candidate will be directly responsible for developing and documenting assembly methods, performing precision optical alignments, and executing instrument test out. Job duties will also include assisting with debugging efforts, development of processes, inventory management and material handling, and other tasks associated with GMP.

### Requirements:

- BA/BS in engineering, bioengineering or related field
- Demonstrated ability to work in a self-sufficient and detail-oriented manner
- Ability to follow test protocols and work instructions, including accurately documenting processes performed and recording test results
- Ability to adhere to manufacturing schedule and deadlines
- Excellent communication skills including written documentation and presentation to peers

### Desired Skills / Experience:

- Strong preference will be given to candidates with the following skills and experience. Relevant background should be highlighted in the cover letter.
  - Demonstrated ability to develop new design concepts and processes
  - Internship or prior work experience in a manufacturing or production environment
  - Experience working in a regulated environment under Quality Management System documentation requirements, medical equipment manufacturing experience is a plus
  - Quality Control documentation
  - Experience in mechanical/electrical/electronic assembly
  - Experience with precision optical assembly
  - Microsoft Office suite of products
  - SolidWorks or other CAD software

Applicant must have authorization to work in the U.S. Resumes must be accompanied by a cover letter explaining how the applicant meets the job requirements and desired skills. Please email resumes to [jobs@mbiidx.com](mailto:jobs@mbiidx.com) with applicant name and the job title listing in the subject line. No phone calls, please.

MBio Diagnostics, Inc. is an Equal Opportunity Employer committed to a diverse workforce.