

Production Engineer: Machine Assembly

Location: Windsor, California

About Micro-Vu

Micro-Vu designs automated 3D measuring machines. These machines use 3D software, image processing, precision mechanics and motion control, lasers, tactile probes, and 3D sensors to measure mechanical dimensions on various parts to accuracies of a micron.

Micro-Vu manufactures these machines in a highly-automated factory at its campus in Northern California. Customers purchase Micro-Vu machines to measure their parts for quality control and assurance. Cell phone manufacturers, medical device and aerospace companies, and many smaller industries use Micro-Vu machines in their facilities around the world.

Micro-Vu has 115 employees and is located in Windsor, California near the Russian River. Micro-Vu was established in 1959, and has become a leader in automated 3D industrial measurement. Engineers must be highly-motivated and passionate about bringing the best possible products and technologies to the market.

Job Summary

The applicant will be responsible for leading machine assembly production and liaising with engineering. Tasks may include but are not limited to:

- Assembling sensor, drive, and stage subassemblies
- Building, calibrating, and packaging machines and accessories
- Troubleshooting, remediating, and documenting assembly issues on the line
- Directing and training assembly workers
- Planning and executing process improvements and assembly automation, including applied robotics and controls
- Communicating assembly issues and plans with design engineers
- Work closely with manufacturing engineers and other production staff
- Work closely with mechanical, electrical, firmware, and software engineers on design for assembly requirements

Education

BS in Mechanical Engineering, Manufacturing Engineering, Industrial Engineering, or similar. Equivalent experience considered.

Minimum Qualifications

- Proficiency with common manual and powered assembly tools
- Good mechanical aptitude and passion for building and making things
- Problem-solving ability, quick learning, and attention to detail
- Ability to multitask, work independently and collaboratively in a team environment
- Excellent communication skills

Preferred Qualifications

- Experience building complex machines involving mechanics and electrics/electronics
- General knowledge of manufacturing processes
- Knowledge of precision assemblies and calibration
- Experience or education as an engineer