



Junior Manufacturing Technician

Semiconductor devices provide the foundations on which progress in the technology sector are enabled. From Smartphones to Artificial Intelligence, 5G communications to autonomous vehicles, all are made possible through advances in semiconductor processes. Scaling these processes requires sub-nanometer measurement of increasingly complex 3D structures to enable more powerful devices. At **Infinitesima** we have pioneered a revolutionary atomic precision 3D metrology technology which has been qualified by leading companies in the semiconductor industry and we believe is essential for continued progress. To quote Lord Kelvin, *'If you can't measure it you can't improve it!'*. Come and join our dynamic team to enable the semiconductors for tomorrow's technological developments.

Do you have experience in Electro/Mechanical Manufacturing we currently have an exciting opportunity for a Junior Manufacturing Technician to join our Operations Team.

Location: Abingdon

Reporting to: Manufacturing Manager

The Opportunity:

The Junior Manufacturing Technician will undergo extensive training at our Abingdon facility in the production activities that ensure our products meet internal and external customer requirements for performance and reliability. You will be responsible for supporting the building of all assemblies required to complete the build and test of a Rapid Probe Microscope system within the Operations team. The role would suit an energetic individual looking to progress their career in an Electro/Mechanical environment with opportunities for international travel.

Key Responsibilities:

- Build and test complex sub-assemblies and assemble the tools to the necessary standard using build and Test documents.
- Assembly of cable assemblies to IPC standards
- Ability to Solder to IPC Standards
- Identify and report problems with manufacturing.
- Assist the manufacturing team in maintaining and improving processes and manufacturing quality.
- Support the Manufacturing Manager in delivering on time product to the customer.
- Maintain a high level of cleanliness within the production and cleanroom areas.
- Kitting of assemblies to the BOM when required.
- Work at overseas manufacturing sites when required.
- Support the manufacturing team in maintaining a high standard of Health and Safety across the business.

Personal Qualities:

An individual with good hand to eye co-ordination who can demonstrate a high degree of manual dexterity and a high level of technical ability. Be able to think on their feet when required.

Education / Qualifications:

- An educational qualification (e.g. GCSE / HND) in a relevant discipline such as Electro-mechanical assembly
- A few years of practical experience in a manufacturing technician role
- Experience at a local level in Infinitesima's core technology areas

Professional Skills/ Abilities:

Essential

- Experience of building and testing complex high technology products
- Experience of wiring/soldering to IPC standards
- Excellent communication skills.
- Be able to Travel if Required (US Visa Required)
- Fluency in written and oral technical English
- Good computer skills.
- Experience of report writing.
- Looking for a career path within an engineering environment.

Desirable

- Experience of working with engineering development and release into a product (i.e. Product Life Cycle).
- Experience in manufacturing within the Semiconductor field would be a major advantage
- Experience of building and testing any or all of optical systems including lasers and fibres, electronics, electro-mechanics would be an advantage
- Experience of using test equipment such as oscilloscopes, multimeters etc.
- Experience of working within a Cleanroom environment
- Understanding of Quality Control and/or Manufacturing engineering

Benefits:

In addition to a competitive salary and an annual bonus. Infinitesima offers flexible working hours, hybrid working, 25 days annual leave, death in service and private health care benefits, personal pension contributions of 4% with salary sacrifice and a generous EMI Share scheme.

All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, or disability.

Note to recruitment agencies: Infinitesima Ltd only works with approved agencies and does not accept unsolicited agency CVs. Please do not submit candidate details in response to this advert, or to any Infinitesima Ltd employees. Infinitesima Ltd is not responsible for any fees related to unsolicited CVs.