

PERSON SPECIFICATION

KTP Associate: Department of Chemistry & Compact Instruments Ltd

Criteria	Essential/ Desirable	Application Form / Supporting Statements/ Interview *
PhD in Chemistry/Analytical Chemistry/Synthetic Chemistry /Measurement Instrumentation, or related discipline.	Essential	Application Form
Postgraduate degree in Chemistry/Analytical Chemistry/Synthetic Chemistry or related discipline	Essential	Application Form
Experience in research methods and the ability to assimilate complex research data and match these to commercial aims and targets.	Essential	Application Form/Supporting statements
A solid foundation knowledge electroanalytical measurement techniques and ion-recognition processes.	Essential	Supporting statements/Interview
Ability to develop and deliver high-quality research in the context of quantitative ion measurements in aqueous samples through the development of mass-producible, low-cost sensor-based systems.	Essential	Supporting statements/Interview
Interest and enthusiasm in working at the interface between science and commercial product development, and commitment to completing the project.	Essential	Interview
Evidence of using initiative, being flexible and well organised	Essential	Supporting statements/Interview
Good project management skills	Essential	Supporting Statements/Interview
Effective interpersonal skills including evidence of working collaboratively within a team	Essential	Supporting Statements/ Interview
Must be able to communicate effectively in a non-academic environment and be able to translate academic approaches for a business audience	Essential	Interview
Willing to undertake additional training to meet the requirements of the post if necessary	Essential	Application Form
Experience of 3D printing and rapid prototyping	Desirable	Supporting statements/ Interview
Experience of working in a commercial environment that delivers any of the following within its core business: measurement instrumentation; analytical instrumentation; sensor development and manufacture; screen printing.	Desirable	Application Form/Supporting statements
Previous experience of research and development in industrially partnered projects involving measurement instrument design, construction and evaluation.	Desirable	Supporting statements/ Interview
Previous exposure to conducting or interpreting	Desirable	Supporting Statements/

research in a business environment.		Interview
A willingness to travel.	Desirable	Supporting statements/ Interview

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.