Ion Beam Platform **Advanced Training Course**

This advanced-level training course conducted by our training manager includes a live demonstration of a full system preventative maintenance routine, with step-by-step instructions. We also include a preventative maintenance kit.



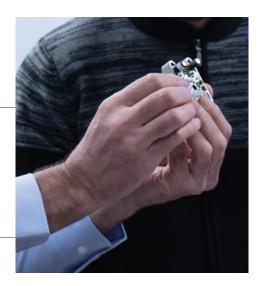
- 되 Training Manager
- Customer site
- Classroom, Cleanroom

4 places

5-10 days (dependent on system complexity)

Suitability

Lab Managers seeking self-sufficiency in maintaining their own Plasma system/s and intending to bring annual preventative maintenance programmes in-house.



Course details

Cleanroom based training units

- System health and safety briefing
- System health checks and benchmarking tool performance and using LogViewer to identify preceding trends
- Full instruction and step by step guidance on a complete system PM, candidates encouraged to undertake the work under close supervision
- Essential skills practical units including:
 - Source disassembly
 - Grid Cleaning
 - Neutraliser conditioning
 - Bearing change and set up
 - Water seals replacement

Classroom based training units

- Location of the main hardware components
- Full Schematic walkthrough
- X20 PLC
- EN13849 (Machinery Standard Safety Circuit)
- RF Matching and the Automatic Matching Unit (AMU)
- Demonstration disassembly of the training tool, highlighting the vacuum critical components and the areas where PM work is to be undertaken
- Fault tracing exercise using actual fault scenarios seen in the field and post PM issues, vacuum leaks, process drift, RF Matching
- Ongoing candidate (self) assessment