

Plasma Platform Advanced Training Course

This advanced-level course includes a full suite of training presentations on system operations, hardware, and schematics, and includes a system preventative maintenance kit. In addition, our training manager will perform a full system preventative maintenance routine with step-by-step instructions.

Suitability

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

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| ⚙️ Advanced-level | 👤 4 places |
| 👤 Training Manager | 🕒 5–10 days
(dependent on system complexity) |
| 📍 Customer site | |
| ✅ Classroom, Cleanroom | |



Course details

Cleanroom based training units

- System health and safety briefing
- System health checks and benchmarking system performance
- Disassembly, cleaning, and full step-by-step instruction for complete system preventative maintenance routine, with candidates encouraged to work under close supervision
- Using LogViewer/Activity Explorer to identify preceding trends

Classroom based training units

- Location of the main hardware components
- Introduction to vacuum (if required)
- Full schematic walkthrough

- X20 PLC and the Diagnostic Viewer
- EN13849 (machinery standard safety circuit)
- RF Matching and the Automatic Matching Unit (AMU)
- Demonstration disassembly of the PlasmaPro® 100 training tool, highlighting the vacuum critical components and the areas where PM work should be done
- 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