

# UPGRADE

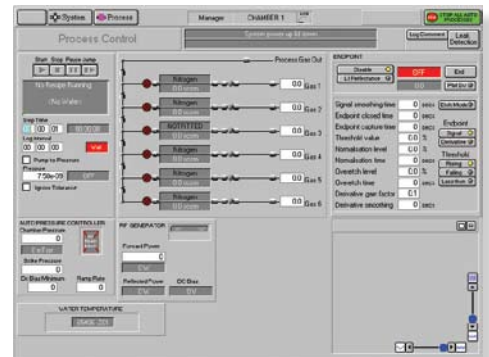
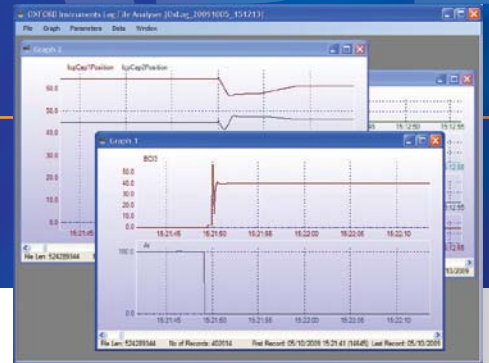


## Control System Upgrades for Oxford Instruments' Tools

We offer a growing range of control system upgrades, and all are easy to install and set up. These upgrades are designed specifically for Oxford Instruments' tools, and can only be purchased through the company and our distributors.

### Why purchase Control System upgrades?

- Increased and improved system performance
- Reduced cost of ownership
- Faster front end technology
- Easier system support due to up to date technologies
- Process improvements



Upgrade	Description
PC2000 LFA	Used to view and analyse the data accrued in log files automatically created by the <b>PC2000™</b> software, during normal operation of our plasma deposition system. All data that passes between the <b>PC2000</b> and the programmable logic controller (PLC) of the system, are stored in LFA log files, and then displayed as graphs. Benefits include: fast data log response, logs all parameters and variables in real time, and each parameter can be set at an individual response time.
PC upgrade to Windows 7	Software to support latest Windows platforms (please note that Windows XP is no longer a Microsoft supported software).
SECS GEM	Data acquisition and recipe handling system from a host PC (supplied by customer) We can supply GEM/SECS compatible software to interface with your GEM/SECS host to allow total factory automation.
RF Hold functionality	Enables fast switching of process gases, whilst maintaining plasma ignition. (Subject to licensing agreements).
CM gauge auto-zero	This will enable the CM gauge to do an auto CM gauge drift pressure correction before the process step run, thus achieving a consistent process pressure for each run.
N <sub>2</sub> standby mode	Dry Pump N <sub>2</sub> standby mode will save up to 96% of nitrogen gas usage when in 'standby' mode compared to usage during processing, on our etch, deposition and growth systems.
X20 PLC	X20 PLC upgrade is a complete replacement for the B&R mini controller. The upgrade comes with a PC with the latest operating software supplied, preloaded and ready to use. It offers greater resolution of the analogue control.
Light tower	Visual display of system operation, indication if tool is in process, idle or alarm mode.
PC2000 process tool user interface and control software	For systems currently operating on PC Plus software. <b>PC2000</b> is the current Oxford Instruments operating software, providing a user interface that is clear, easy to use and quick to learn, whether the system is a straight forward open-loading tool or a complex multi-chamber cluster system.



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# Service – Global Support

## Comprehensive support wherever you are

Oxford Instruments offers the extensive, flexible and reliable range of customer service and support that is required in today's markets.

<b>Upgrades</b>	Process improvements offering greater productivity, cost reduction or scientific advancement
<b>Support contracts</b>	Tailored to meet customers individual needs
<b>Help desk support</b>	Highly experienced team with wide and varied product knowledge
<b>Training</b>	Operator maintenance & Process training courses at Oxford Instruments or on-site
<b>Preventative maintenance</b>	Carried out by highly skilled OIPT engineers
<b>Remedial site visits</b>	Range of options depending on level of service required
<b>Spares and repairs</b>	Worldwide access to spares means fast turnaround
<b>Specialist support</b>	Experienced and highly qualified team of software and process engineers



visit [www.oxford-instruments.com](http://www.oxford-instruments.com) for more information

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