

UPGRADE

©iService® Dry Pump N₂ Standby Mode

Energy Saving Upgrade for many Oxford Instruments' systems*

Significant
cost reductions &
environmentally
friendly

Oxford Instruments' Dry pump N₂ standby mode saves energy and nitrogen used by its plasma etch, deposition and growth systems.

Key features

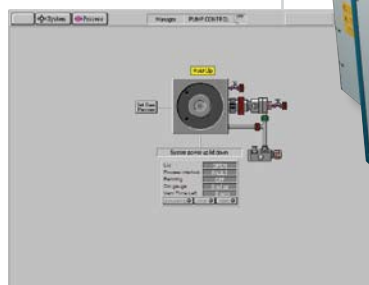
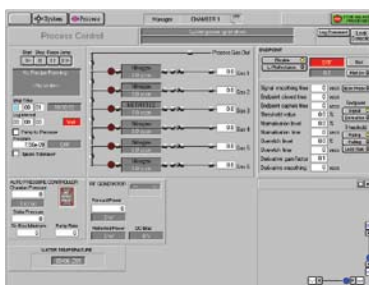
- Saves up to 96% of nitrogen gas usage when in 'standby' mode compared to usage during processing
- Systems with dry pumps previously had their nitrogen purge set continually at up to 35 litres per minute. Nitrogen only needs to run at these levels when the chamber is running process gases
- The nitrogen inlet to the dry pump can be controlled to reduce the amount of nitrogen entering the pump on 'idle', 'pumping' or 'standby' mode
- Continues to purge the pump bearings

The pump can be set via Oxford Instruments' **PC2000** system software to run the preset flow of nitrogen for a set period prior to and after a process has completed its run.

This allows all gases to be safely diluted and pumped away, before returning to the N₂ standby mode.



PlasmaPro™
System 100



* This capability is currently offered only on systems configured with Adixen pumps and blue plcs.

OXFORD
INSTRUMENTS

The Business of Science®

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.

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



visit www.oxford-instruments.com for more information

Oxford Instruments Plasma Technology

For more information please email:
plasma@oxinst.com

UK

Yatton

Tel: +44 (0) 1934 837000

Germany

Wiesbaden

Tel: +49 (0) 6122 937 161

Japan

Tokyo

Tel: +81 3 5245 3261

PR China

Beijing

Tel: +86 10 6518 8160/1/2

Shanghai

Tel: +86 21 6132 9688

Singapore

Tel: +65 6337 6848

US, Canada & Latin America

Concord, MA

TOLLFREE: +1 800 447 4717

www.oxford-instruments.com

This publication is the copyright of Oxford Instruments plc and provides outline information only, which (unless agreed by the company in writing) may not be used, applied or reproduced for any purpose or form part of any order or contract or regarded as the representation relating to the products or services concerned. Oxford Instruments' policy is one of continued improvement. The company reserves the right to alter, without notice the specification, design or conditions of supply of any product or service. Oxford Instruments acknowledges all trademarks and registrations. © Oxford Instruments plc, 2010. All rights reserved. Ref: OIPT/N2Standby/2010/0



The Business of Science®