



PTIQ

Intelligent Software. Powerful Solutions.

Introducing PTIQ

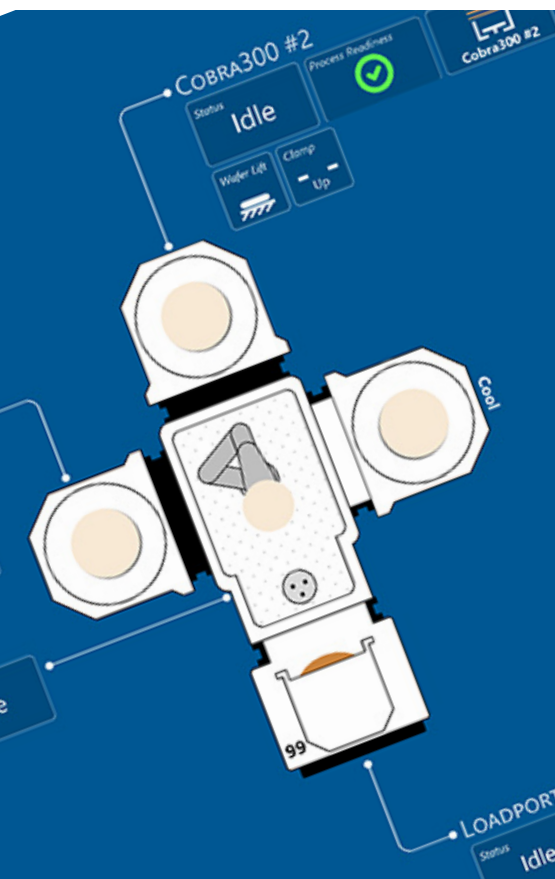
PTIQ is the latest intelligent software solution for PlasmaPro and Atomfab processing equipment. PTIQ provides an exceptional level of system control as standard, as well as the option for extra performance with PTIQ Pro.

Responsive, Reliable, Repeatable.

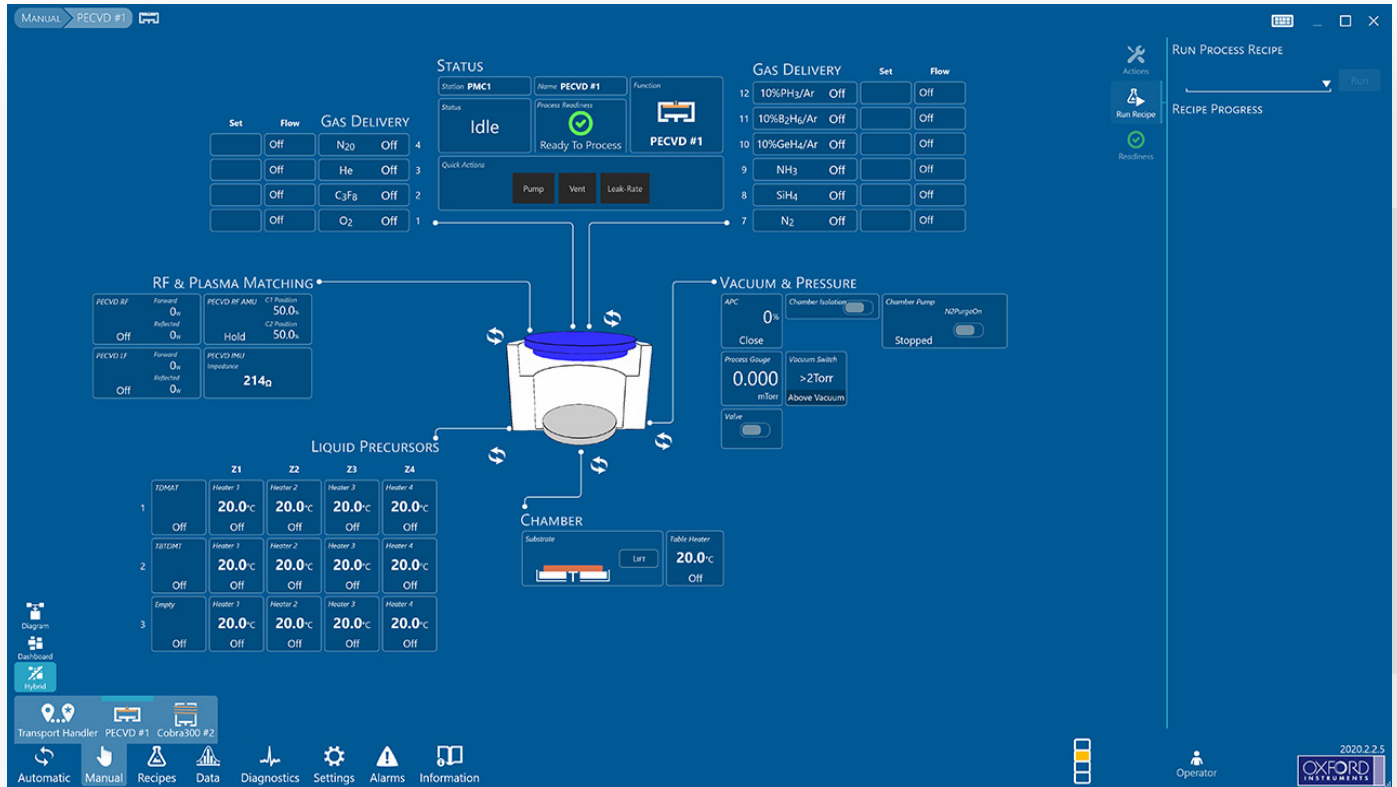
PTIQ software has been designed to deliver an exceptional level of responsive system control, reliability and repeatability for Oxford Instruments customers. It will optimise system and process performance in the Lab or Fab, with different levels of software available to suit facility requirements.

What are the benefits?

- SEMI E95 compliant to facilitate rapid, error free process setup
- Automated daily, weekly, and monthly checks to optimise uptime
- Fingerprinting and chamber matching to assist enhanced yield throughput
- Flexible batch scheduler allowing throughput optimisation
- Customisable for error free, multiuser operation in any cleanroom environment
- Recipe editor matching Oxford Instruments' process datasheets for easy, error free transfer of recipes
- Market leading graphical user interface (GUI) to make understanding and controlling Oxford Instruments systems easier than ever before
- Instant access to tolerance, pre-sets and configuration making servicing your system easier than ever before
- Single page system and recipe overviews
- Easily tailor the software behaviour to individual user requirements
- Increased versatility to achieve optimal performance.
- Recipe privacy settings for multiuser facilities
- Millisecond accuracy and 1000 point logging for improved data interrogation



Software Options

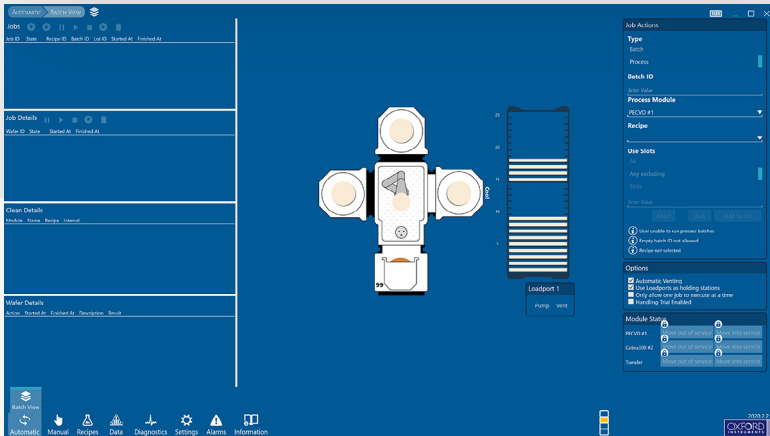
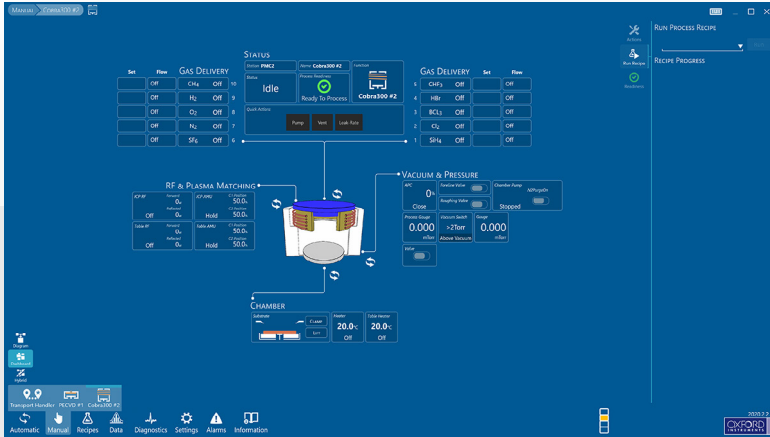


PTIQ Pro

PTIQ Pro includes all the features of the standard software, with advanced features for extra performance:

- Comparing data from multiple runs
- Enhanced wafer scheduling
- Agile & flexible recipes
- Plasma strike assist
- Support for advanced metrology and hardware options

Software Options



AnalytIQs

PTIQ AnalytIQs is a set of analytical tools to maximise the uptime of the system, to allow deeper understanding and interpretation of process logged data through the statistical analysis of data. They further extend the PTIQ LogViewer for the tracking and analysis of all system parameters.

AnalytIQs Pro

Premium module to measure, analyse and report on the data captured whilst processing.

SECS/GEM Factory Host Connection

A software module that connects the Oxford equipment over a SECS/GEM link to a factory host controller for use in an automated semiconductor fab.

PTIQ Backup

This premium module is responsible for periodic backup of recipes, configuration and process run data to a remote computer. This can be for archival purposes or to transpose the data ready for external processing as required.

Software Options



DiagnostIQs

A set of engineer analysis tools that are essential for self-maintained systems and trouble shooting drills down to the heart of the electronics to control the equipment. These are the same tools available to Oxford Instruments customer support engineers.

How to upgrade

If you currently run a system with PC2000 or PC4500, and want to upgrade to PTIQ we have several upgrade paths available. On completion of upgrade You will be automatically enrolled in the Oxford Instruments Software Assurance Agreement.

- The Software Assurance Agreement covers the system control software and in addition to giving access to the software help desk beyond warranty
- Provides peace of mind knowing you have access to all the latest software releases with improved features and functionalities managed via Oxford Instruments' software release program.
- Upgrading to PTIQ has the guarantee of easy and error free transfer of recipes

We also have Site Wide PTIQ Upgrade plans. Since PC2000 and PC4500 are now no longer supported – you can upgrade your whole site for a discounted rate to ensure continuity of software support going forward.

Visit plasma.oxinst.com/PTIQ for more information on how to upgrade.

Request a live demo!

We are so confident in our new software, we want you to see it in action. Please visit plasma.oxinst.com/PTIQ to request a live demonstration from one of our experts.

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