

# FREEZE DRYER / HIGH VACUUM SYSTEM UPGRADES



TECHNICAL VACUUM EXCELLENCE SINCE 2008

## AUTOMATION UPGRADES / REFURBISHMENT OF YOUR EXISTING FREEZE DRYER OR HIGH VACUUM SYSTEM

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We deliver automation upgrades for a wide range of existing vacuum equipment, including freeze dryers, vacuum coaters, leak detectors, vacuum drying systems, vacuum degassing systems, and Hyscan analysers.

Whether you require a fully engineered solution for a new process, or need to modernise ageing equipment that is no longer supported, struggles to meet capacity demands, or falls short of current safety regulations, we can help.

Drawing on decades of experience and exceptional expertise in High Vacuum Engineering, we upgrade your existing vacuum systems and freeze dryers efficiently – saving you both time and money.

Bringing large, complex projects to successful completion - on time and in budget - requires sound financial management. It also demands good understanding and control of critical path items, and efficient reporting methods.

Having the right mix of technical expertise in the team is essential. Whatever your needs, our experienced, highly skilled team can meet your requirements.

Working with both Real-Time Systems such as PLCs and digital loop controllers, and PC based systems such as SCADA, MechaTech Systems will identify requirements and work with you to develop solutions.

We can use off-the-shelf packages, or bespoke systems, or a combination, depending on your requirements.



From simple to complex applications, we recognise the importance of Software Configuration Management and rigorous version control that is essential in a fast moving environment.

Best practice programming rules and conventions are implemented and the code clearly laid out and commented, within the remit of the chosen programming language.

Our mechanical and electrical detail design and build capabilities complete the system manufacturing package. Delays and poor response times sometimes associated with third parties are eliminated, thus providing a competitive and easily managed project. Please contact us for an initial informal, no-obligation discussion.

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[www.mechatechsystems.co.uk](http://www.mechatechsystems.co.uk)

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