

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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Automation upgrades to your existing vacuum equipment, including Freeze Dryers Vacuum Coaters, Leak Detectors, Vacuum Drying Systems, Vacuum Degassing Systems or Hyscan Analysers.

Whether you need a fully engineered system for a new process, or to update old, tired equipment that is no longer supported, cannot cope with your current capacity requirements or falls short of the latest safety regulations.

With a combined experience of over 60 years in High Vacuum Engineering, we can upgrade your existing Vacuum System or Freeze Dryer, saving you valuable 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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