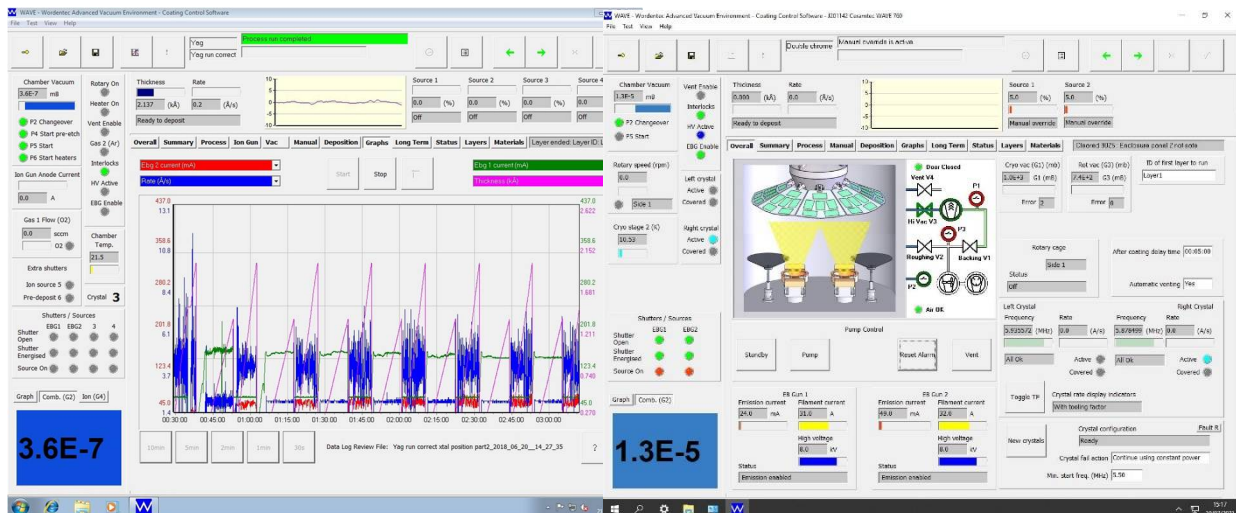# WAVE Software

Introduction

Wave software is at the core of every Wordentec thin film deposition system. The software stands out from the crowd with its intuitive tab-based layout, providing operators with an effortlessly user-friendly touch screen interface.

Originating in 2003 and initially operating on Windows XP, the early versions were developed to replace numerous standalone controllers prevalent in thin film deposition systems of that period, and bring the control of all devices into a single interface. WAVE is currently in its third iteration, now running as a 64bit application with the Windows 10 LTSC operating system on a robust industrial rack mounted PC and touchscreen.

With the integration of control into a single interface, WAVE software ensures a seamlessly unified experience. This extends beyond the control interface, with the process environment and all aspects of deposition control integrated into a single controller, it minimises the risk of accidental alterations or changes between processes but also enhances overall system stability and precision.

Operators can navigate with confidence, secure in the knowledge that WAVE is designed for reliability and run to run consistency. Additionally, the ability to save and recreate processes with a simple file load adds an extra layer of convenience and efficiency. Every process is stored, allowing the operator to change processes easily whilst maintaining a reliable record of each deposition sequence. Inherent windows based file management allows for easy handling of system back-up and process data log management, essential for modern day quality systems. This key enhancement underscores WAVE's commitment to delivering not just intuitive control but a robust and efficient platform for thin film deposition processes.

Wordentec WAVE software

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