

Box Coater Operation & Maintenance

This in-depth class provides participants with a comprehensive understanding of Satisloh box coaters, with a strong focus on theoretical knowledge, practical applications, and troubleshooting skills. Designed for technicians, operators, and maintenance personnel, this program combines classroom instruction with hands-on experience to ensure participants are fully equipped to operate and maintain Satisloh box coater systems efficiently and safely.

Course Outline

- **General Description and Configuration of Box Coaters:** Overview of box coater components, system architecture, and configuration options.
- **Introduction to Thin Film Coating:** Fundamental principles and applications of thin film technology.
- **EB Gun Theory, Function and Troubleshooting:** Operation and maintenance of electron beam guns, including common issues and resolutions.
- **Ion Gun Theory, Function and Troubleshooting:** Understanding the purpose and functionality of ion guns in the coating process.
- **9380 Software Guide, Usage and Troubleshooting:** Comprehensive training on software interface, controls, and diagnostic tools.
- **TeamViewer Operation:** Remote access and support setup using TeamViewer for efficient diagnostics and communication.
- **Phone Support and Troubleshooting Practices:** Best practices for remote support and resolving technical issues via phone.
- **Box Coater Operation and Best Practices:** Step-by-step operation procedures emphasizing efficiency and safety.
- **Peripheral Equipment:** Overview of supporting hardware and its role in the overall system.
- **Instrument and Spare Parts Manual Usage:** Effective use of documentation to identify and order parts, and perform maintenance tasks.
- **Schematic Usage:** Reading and interpreting electrical and mechanical schematics for diagnostics and repairs.
- **Hands-On Machine Training:** Practical application of classroom knowledge on actual equipment.
- **Service, Maintenance, and Safety Practices:** Scheduled maintenance routines, safety protocols, and service guidelines.
- **Summary and Group Q&A:** Review of key concepts, open discussion, and clarification of participant questions.

Participants will leave this course with a strong foundation in the operation, maintenance, and troubleshooting of Satisloh box coaters, prepared to maximize system uptime and ensure quality production