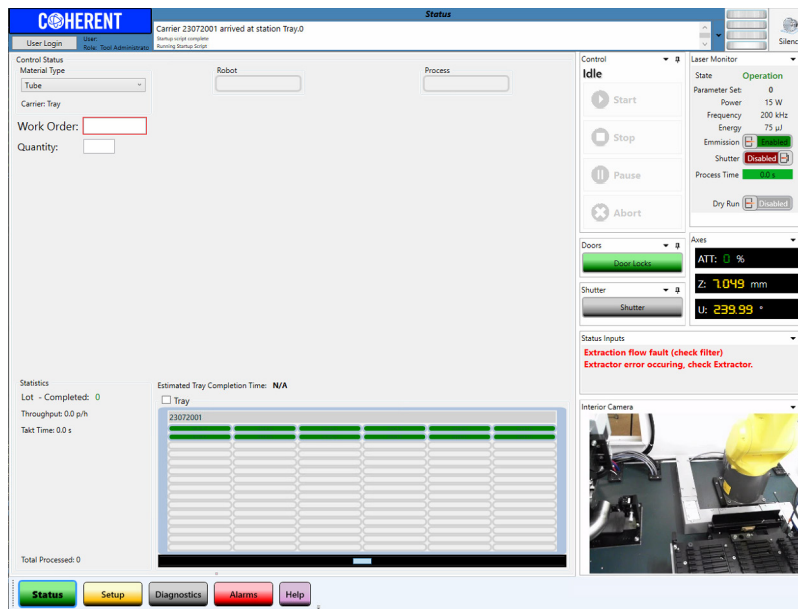Laser Machines and Systems

AUTOMATION FrameWork

Modular Control Software for Automated Laser Systems

Automation FrameWork is an intuitive and user-friendly software that provides enhanced functionality via various modalities for complex and customized systems for medical device manufacturers. These include functional libraries for vision tasks including fiducial find, OCR/OCV, robot integration, the laser, motion axis, the processing head, and other subassemblies that can be incorporated into the system for task at hand and for the future expandability and compatibility.

The software includes the typical operator requirements for the day-to-day job, but also includes full help file, full diagnostics pages, control job editor, material and laser set up pages, vision set up and device libraries for higher level engagements.

FEATURES

- Windows 10/11 OS, C# .NET Framework based
- Recipe based process formulation and selection
- Configurable engineer/operator access levels
- Camera/Vision support
- Robot control
- Motion control
- Galvo control
- Programmable laser power monitoring
- Customizable GUI
- Customizable data logging and process control
- Remote monitoring via SECS/GEM, MT Connect

APPLICATIONS

- AP 530 Series of Automated Systems

For more information
www.coherent.com