

*Main figure showing Automated Process
Line with Load and Unload, modular
process bath stations and front mounted
bath controllers*



- **Automated Pick and Place Robot for Substrate Transfer**
 - **Automated product Load and Unload**
- **Modular work zone baths with heated process chemistry, filtered recirculation and DI water rinsing**
- **Intelligent, Powerful and “User Friendly” PLC controls with recipe driven software and factory BMS communication**
 - **Automated Chemical supply, mixing and draining**
- **All wetted parts of selected ultra-pure thermo plastics for acid based processes and stainless steel for solvent based processes**
 - **Fully enclosed work area with Operator safety features**



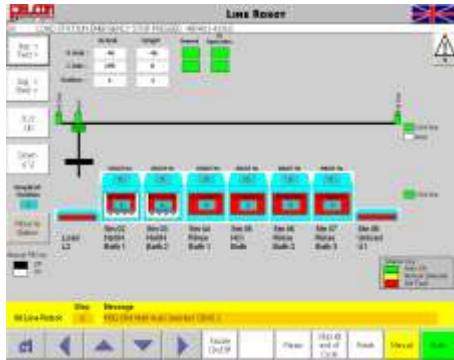
*Close-up of typical silicon
blocks being processed*

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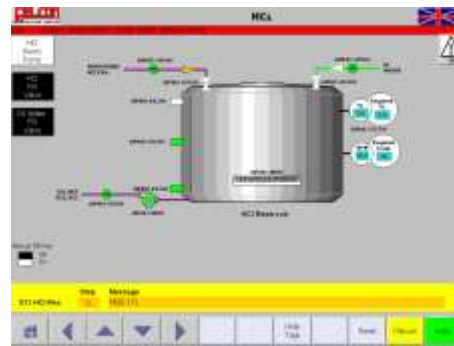
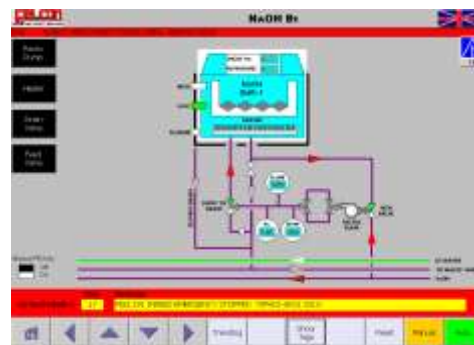
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Figures showing typical HMI, pc driven status controls and indicators for throughput, process status



- Optional Features**
- **Laminar Air Flow for ultra-clean applications.**
 - **Extract systems with scrubbers**
 - **Chemical Supply with automated mixing capability.**
 - **Chemical drainage system.**
 - **Fire Detection and Suppression systems with optional FM approved build**

Close-up of typical pure piping array.



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