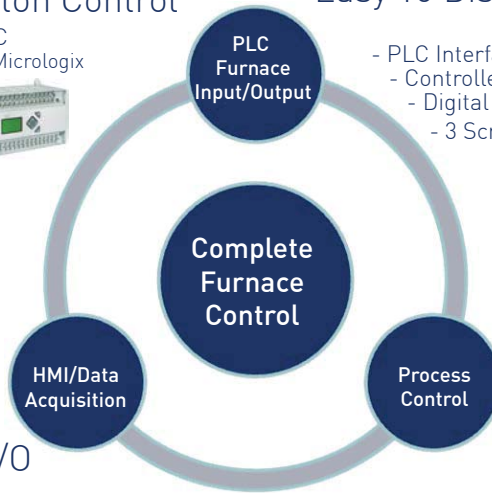




Controllers Atmosphere Vacuum Gas Nitriding

HMI and Control In One

- PLC Push Button Control
 - Used with Micrologix 1400 PLC
 - DF1 Communication using Micrologix 1400 program port
 - Screen Editor
 - Runs on Windows Computer for creating screens and mapping
 - PLC I/O
 - Runtime Software
 - Executable for running software on controller screens
 - User Defined
 - Status Driven
 - I/O Reference
- PLC for I/O



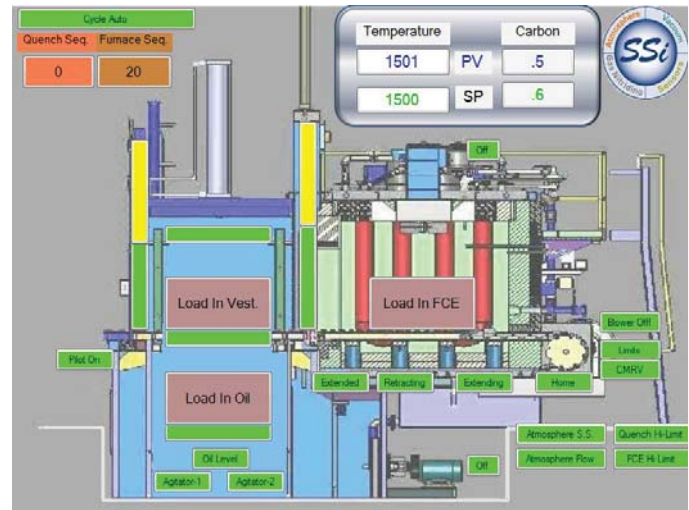
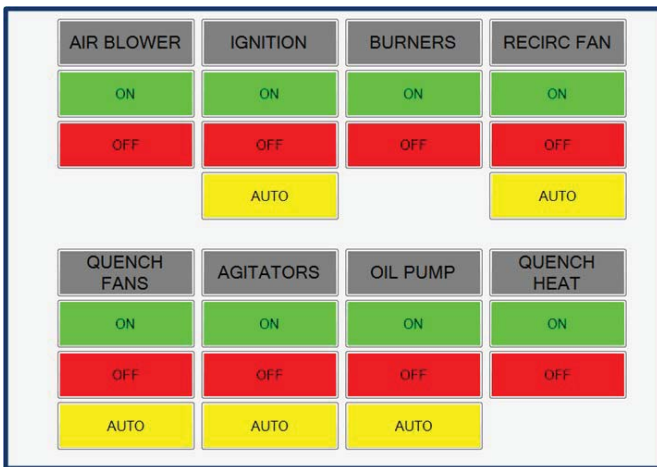
- Easy To Display Mechanical Components

- PLC Interface
- Controller Interface
- Digital Chart Recorder
- 3 Screen Sizes



- Color Touch Screen
 - Agitators
 - Limit Switches
 - Timers
 - Flame Screen
 - Fans

- Status/Position Display



Controller Features

- Maintenance Tracking Database
- Configurable and Expandable I/O
- Remote Control
- AMS 2750 E Compliant
- Remote PC Configuration and Recipe Builder
- Recipe Controller for Precise Process Control

9220 Vacuum

- Guarantee Soaks on Load TCs
- Outgas Protection
- Direct Connection to Vacuum Gauge
- Integrated Vacuum Controller Communications
- Multiple PID Sets with Switch Points
- Overshoot Suppression - Fuzzy Logic

9210/9215 Gas Nitriding

- Flow Control (N₂, NH₃, DA, CO₂, ENDO, H₂)
- Automated Back Pressure Control
- Precise Control of Compound Layer
- Kn and %DA Control
- Automated Single and Two Stage Processes

9205 Atmosphere

- Percent Carbon and Temperature Control
- Built in Quench Control and Timer
- Programmable 300 24 Step Recipes
- Probe Conditioning and History
- NDIR Gas Analyzer Integration