



BATCH OR CONTINUOUS ATMOSPHERE HEAT TREAT FURNACE SYSTEMS by ASCON CORPORATION

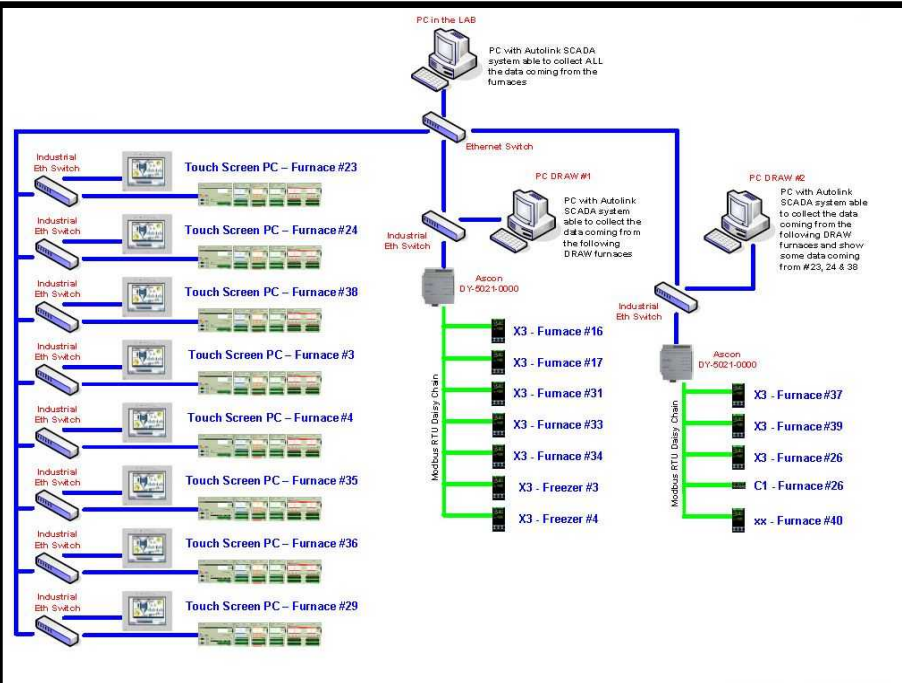


- **Precision Temperature & Atmosphere Control ... produce parts within tighter specification, higher quality, and reduce the chance of rework and rejected parts.**
- **Analog and Digital I/O controls ALL furnace functions.**
- **Complies to AMS2750D.**
- **Unlimited RAMP/SOAK Programmer capability that saves recipes by Part Number, Heat Number, or Part Name to simplify operator ease of use and internal procedures.**
- **Complete Report Generation feature allows for automatic and customized end of cycle batch reports.**
- **View RAMP/SOAK programs graphically to ensure accuracy.**
- **Real-time and Historical trending eliminates the need of paper recorders and out-of-date tracking procedures.**
- **Simplified and simultaneous overview of both Temperature & Carbon loops and Program Status.**
- **Fully networked and capable of remote connection.**

CUSTOMER TESTIMONIAL

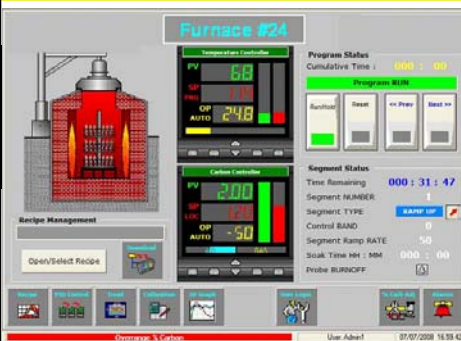
“I installed the Ascon Heat Treat System and saw immediate improvements to our heat treat operations. Our quality has improved and our rework has been reduced by 20%. The system is very intuitive and quite easy for our operators to use. We were skeptical at first because we had old controllers and recorders that we became very use to using. Finding an easy and affordable system that was AMS2750D compliant was our goal. We looked at Ascon and their capabilities, and they met all our needs. We now have seven carburizers running with this Ascon system, and we have expanded this to include several draws and freezers to the system. We are very pleased and recommend Ascon.”

*Pete Demakos, Heat Treat Dept. Manager
Northstar Aerospace- Chicago*

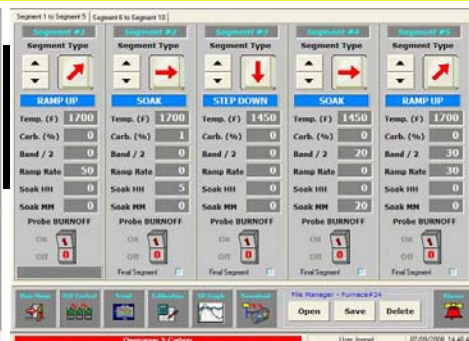


TYPICAL MULTI-FURNACE INSTALLATION

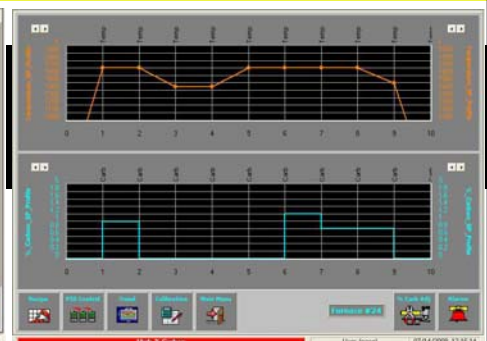
TYPICAL SCREEN SHOTS



This is the OVERVIEW screen where all furnace parameters are easily visible and the operator can run the furnace.



This is the PROGRAMMER screen for entering or editing all RAMP//SOAK segments and programs.



This is the PROGRAM MIMIC to visually validate the program is correct. Both temperature and carbon loops are shown.



This is the LOOP SETUP screen where individual control parameters are visualized and set.



This is the TREND OVERVIEW screen for both loops showing real-time data and specific part related data.



This is the ALARM screen that lists the date and time occurrence and clearing.