

Press PC Failure

This document serves to provide assistance when there are PC problems out on press.

Whenever the press PC is having problems, check all connections and try to re-boot the PC to see if it will restart.

If it does not restart, try to determine if the computer's mother board, the PC's hard-drive, or both are the cause of the problem.

For additional help, please refer to the P-DAQ User Guide, or contact NASTech at (888) 962-7832 Ex. 702, Monday through Friday, between the hours of 8:30 am and 5:30 pm CST.

Mother Board Failure

- Disconnect the PC, taking note of all existing connections.
- Remove the existing hard-drive from the problem PC.
- Install the existing hard-drive in the new PC, re-connect all devices and start the machine.
- Re-install the Data Acquisition card and the ELO drivers as per the manufacturer's instructions.
- Re-Run Data Sync and P-DAQ.

Hard-Drive Failure

- Disconnect the PC, taking note of all existing connections.
- Remove the existing hard-drive from the problem PC.
- Install a new hard-drive in the existing PC, re-connect all devices and start the machine.
- Re-install the Data Acquisition card and the ELO drivers as per the manufacturer's instructions.
- Set **Control Panel \ Regional Settings \ Date** to "MM/dd/yy" and enter the correct date.
- Set **Control Panel \ Regional Settings \ Time** to "HH:mm:ss" and enter the correct Date & Time.
- Execute "**Setup.exe**" from the **PDAQ\Install\PDAQ-Press** directory on the file server, or from the **PDAQ-Press** directory on the CD.
- Follow the directions on the screen to set up **P-DAQ**. Install the software in the **C:\Program Files** directory, and finish the installation.

- Open the “**System.ini**” file located in the **C:\Program Files\PDAQ** directory. Edit and save the file as follows:
 - Init Path = "Init"
 - Local Base Path = "C:\Program Files\PDAQ"
 - Network Base Path = "*YourServer*\PDAQ"
 - ' DBTYPE = "SQL" (If you are using a SQL server Database, remove the ' (apostrophe) at the beginning of the line.
- Create ODBC Data Source Name (DSN) called **PDAQ** for the PDAQ SQL Server database.
 - Start - Settings - Control Panel - Administrative Tools - Data Sources - ODBC. Click “Add”. Select SQL Server, Click “Finish”.
 - Name the database (PDAQ), and select the NASTech Server.
 - NT or SQL authentication? It is recommended that NT authentication is used. If so, the NT password setup on the computer will allow access to the SQL database.
 - If SQL authentication is used, the following lines of code **MUST** be added to the C:\ProgramFiles\PDAQ\System.ini file:
 - DB Name = PDAQ
 - Database = PDAQ
 - User Name = *your computer's User Name*
 - Password = *your SQL Password*
 - Click “**Change Default DB to**”, Select PDAQ Database, Click **Next**.
- Go to **Start Menu → Programs → PDAQ-Press Module → SysUpd**, right-click the **SysUpd** icon and select **Properties**. Edit and save the shortcut as follows:
 - Target: *YourServer*\PDAQ\Shared\SysUpd.exe
 - Start In: C:\Program Files\PDAQ\
- Run **Start Menu → Programs → PDAQ-Press Module → SysUpd** and click the **Update** button.
- Run **DataSync** from the Desktop and click the **Continue** button.
- Data Sync will now transfer data from the server and populate the **Remote** database at the press. Please allow a few minutes for this process to take place.
- Find out the last pallet ID that was used on the press by looking at the Pallet Log table in the server database.
- Start **P-DAQ**, when prompted; enter the last pallet ID.
- In the ShiftLog table on the server, check for any HOLD records for the press you are working on and change the HOLD status to COMPLETE.