Fenton Systems hydraulic press quality monitoring system records process data for historical parts tracking proposes. The data recorded is shown on the screen at the right. This data is shown in real time as the process proceeds and can be retrieved in the future to view the process history for a particular serial number or key parameter pertinent to your process.

The information is retrieved base on serial number that can be entered via the keyboard or by scanning the bar code using the scanner supplied.

A means is provided to calibrate transducers. In the case of force, a screen similar to the one below is used to setup and calibrate the force load cell interface.

For each part number the press can run, a set of parameters can be supplied. The parameters are shown on the screen below. Theses parameters define force limits and velocity limits based on test zones along the force signature.

The system prints bar codes for each part processed containing a serial number and part number and good/bad status of the part.