Software Screen gives you the following information:

Cycle Test Time – Overall Time the cylinder has been cycling

Pressure – Actual And Graphed

Cycles per minute – Avg Cycles per minute

Cylinder Identification / Lot Number

Test Remarks

Hold Time – Time cylinder is held at Test Pressure

Wait Time – Time to wait before pressurizing next cycle

Bleed Rate – Adjustable pressure drop (psi/sec)

Rate – Adjustable Pressure Increase (psi/sec)

Cycle # - Shows how many cycles out of total cycles

Target Press – Cycle Target Pressure (Psi/bar/any pressure unit)

Bleed Press – Cycle low end Pressure

Temp – Temperature thermocouple normally attached to cylinder

Oil Temp – Oil Temp at reservoir

Temp Max – Maximum Temperature before pump shutdown (user input)

Temp Min – Minimum Temperature before pump shutdown (user input)

All Data Ready – This is information verification before test can start.

missing information will not allow test to be initiated. (Verbal and visual alert)

Pressure – Actual Target Pressure Based on allowable percentage over target.

Restart – Used to restart when a test has been stopped before # of cycles have been reached

Pump On – Software control of Pump

Start – Is in Bold and used to start the cycle when All Data is Ready and Pump is on

Stop – Stops cycling of the cylinder

ETC – Estimated time to completion

Pressurize – Time to reach pressure

E/P PSI – Electropneumatic Regulator PSI

Trans Scale – Allows for scaling of transducer. Supervisor control only.

Monitor Pressure Leaks – Looks for predescribed amount of pressure drop at test pressure

Press Offset – Span offset of transducer

Use Previous Test Data – Allows for data from previous test to be used

(Screen captures from testing of systems)