

Leak Test Plus

Test-3, Performs a torque test, leak test, and stamps the parts

Washing Machine Pump Test

Operator manually loads part into the fixture then press and release the banner start button to start the machine. When the machine starts, the top clamp and leak test seals will extend. If the part passes the first leak test, the port will retract, and the low RPM torque test will start. When the low RPM test is completed and the part has passed, it is checked at the high RPM for torque (1850). Once the part has been checked at the high RPM, an average torque is generated. The part is then leak tested again. After the final leak test is performed and the part passes, a green light will come after the part is marked and all the clamps have returned to the home position.

Depending on the torques, the limit is set on the HMI that the part is either good or bad. If the torque test fails, a red light will come on and the top clamp will stay extended until reset button is pressed. If at any time during the cycle a part fails or system fault occurs, the red lamp will come on indicating end of the cycle due to error.

Leak and Torque Test machine includes light curtain and touch screen for parameter entry. It is controlled by a PLC.

