



BALL VALVE LEAK TESTING SYSTEM



This automated Leak Testing System for Ball Valves leak checks each valve in two directions for internal seat leakage with the valve closed, then for external leakage with the valve open. The three tests are performed at a production rate of 90 valves per hour, using a high-pressure air-helium mixture for two tests and argon as the tracer gas for the third test. The machine has robotic part handling and a fully automated test cycle with PC control, including the pass/fail decision and bar code printing.