



PRESSURE RELIEF VALVE TEST STATION



This test station, used on a relief valve production line, automatically performs a leak test, measures the “cracking” pressure, and measures the resealing pressure for a variety of different relief valves. The PC-controlled system automatically configures the test parameters based on the model number of the parts under test. The station has tooling that can be rapidly changed to seal on different valves. Sealing to the part is done on the ID, OD, or “faces” of the parts using inexpensive, easily replaced seals. The system shown tests valves at pressures up to 600 psig, using a 30-second cycle and two test positions to meet the customer’s specific production requirements.