Nitropak Instructions

1. Internal Tank Fill Procedure:
   A. Make sure System Fill Valve 2 is in the closed position (CW).
   B. Attach Fill Hose to Fill Port 1 and fill Internal Tank. (DO NOT EXCEED 3000 PSI).
   C. Vent Fill Hose and remove from Fill Port 1.

2. Nitropak Operation:
   A. Attach Reference Gauge to Pressure Port 3.
   B. Attach one end of Outlet Hose to device under test and other end to Pressure Port 2.
   C. Make sure Regulator 4 is in its lowest pressure position (CCW).
   D. Open System Fill Valve 2 (CCW) and keep open while testing is in progress.

3. Calibration Procedure:
   A. Adjust Pressure Regulator 3 until the approximate desired pressure is reached.
   B. Open Supply Valve 6 (CCW) to fill Manifold and allow system to come to equilibrium.
   C. Close Supply Valve 6 (CW) to isolate Manifold from tank.
   D. Adjust pressure using Fine Adjust Piston 7 until exact desired pressure is achieved. If the Fine Adjust Piston knob 7 becomes difficult to turn then adjust Regulator Pressure 3 until “Regulated Pressure” gauge 5 displays approximately the same pressure as Reference Gauge.
   E. Perform calibration at desired pressure.
   F. Repeat Steps 3A-3E for each calibration test point.

4. To Perform another Calibration:
   A. Turn Regulator 3 to its lowest pressure position (CCW).
   B. Open Vent Valve 6 (CCW) to bleed pressure from the system.
   C. Switch Outlet Hose to new device to be calibrated.
   D. Repeat Steps 3A-3E for each calibration test point.

5. System Shut-down
   A. Close the System Fill Valve 2 when a series of tests is complete.
   B. Turn Regulator 3 to its lowest pressure position (CCW).
   C. DO NOT VENT THE SYSTEM WITHOUT PERFORMING THIS STEP.
   D. Open Vent Valve 6 to bleed pressure from the system.
   E. Remove Reference Gauge from Pressure Port 3 and store in compartment in control panel.

To order parts and items, go to www.Instrumentation.com or call (800) 346-4620