



WARNING

**TANK CONTENTS
UNDER PRESSURE**



CAUTION

**WEAR EYE PROTECTION
WHEN USING NITROPAK™**



Nitropak Instructions

1. Internal Tank Fill Procedure:

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

2. Nitropak Operation:

- Attach Reference Gauge to Pressure Port ⑨.
- Attach one end of Outlet Hose to device under test and other end to Pressure Port ⑩.
- Make sure Regulator ③ is in its lowest pressure position (CCW).
- Open System Fill Valve ② (CCW) and keep open while testing is in progress.

3. Calibration Procedure:

- Adjust Pressure Regulator ③ until the approximate desired pressure is reached.
- Open Supply Valve ⑥ (CCW) to fill Manifold and allow system to come to equilibrium.
- Close Supply Valve ⑥ (CW) to isolate Manifold from tank.
- 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.
- Perform calibration at desired pressure.
- Repeat Steps 3A-3E for each calibration test point.

4. To Perform another Calibration:

- Turn Regulator ③ to its lowest pressure position (CCW).
DO NOT VENT THE SYSTEM WITHOUT PERFORMING THIS STEP.
- Open Vent Valve ⑧ (CCW) to bleed pressure from the system.
- Switch Outlet Hose to new device to be calibrated.
- Repeat Steps 3A-3E for each calibration test point.

5. System Shut-down

- Close the System Fill Valve ② when a series of tests is complete.
- Turn Regulator ③ to its lowest pressure position (CCW).
DO NOT VENT THE SYSTEM WITHOUT PERFORMING THIS STEP.
- Open Vent Valve ⑧ to bleed pressure from the system.
- Remove Reference Gauge from Pressure Port ⑨ and store in compartment in control panel.
- Remove Outlet Hose from Pressure Port ⑩ and store in bag attached to the inside of Nitropak lid.

- ① Fill Port
- ② System Fill Valve
- ③ Regulator Pressure Adjustment Knob
- ④ Tank Pressure Gauge
- ⑤ Regulated Pressure Gauge
- ⑥ Supply Valve
- ⑦ Fine Adjust Piston
- ⑧ Vent Valve
- ⑨ Pressure Port
- ⑩ Pressure Port
- ⑪ Inlet Check-valve
- ⑫ Inlet Rupture Disk
- ⑬ Internal Tank (3000 PSI)
- ⑭ Outlet Rupture Disk

