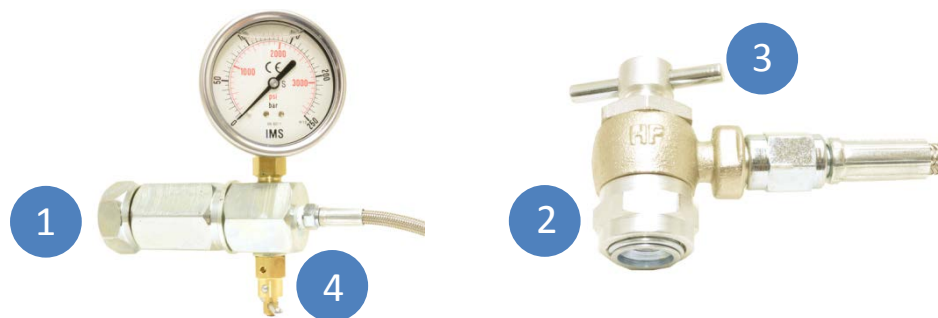


# NITROGEN CHARGING AND TESTING SET



IMS PN: 10036571



- Attach hexagon connector **1** to nitrogen bottle.
- Remove gas valve protection cap from the accumulator. Secure swivel connector **2** on gas valve and tighten sufficiently to prevent gas leakage. Screw top bar handle **3** on accumulator gas valve in a clockwise direction, until bottoming to open gas valve.
- Slowly open nitrogen bottle valve to allow the piston to bottom the accumulator. (To determine pre-charge pressure, care should be taken to working pressure and working temperature)
- Close nitrogen bottle valve. Wait 5 minutes. Check pre-charge pressure. To lower pressure, open air bleed valve **4**.

**Pre-charge pressure will drop slightly when the compressed gas cools off.**

**Therefore, pre-charge to 20% above desired pressure.**

- Screw top bar handle **3** in a counter clockwise direction to close gas valve. Use air bleed valve 4 to expel all gas from the pre-charging assembly. Remove swivel connector **2**. Carefully test gas connections for leakage by pouring soapy water or using leak detector in and around the gas valve area when pre-charge is complete.
- Fit gas valve protection cap.
- Remove hexagonal connector **1** from nitrogen bottle.

**DANGER!** Use nitrogen only! Compressed air and oxygen involve risk of explosion!