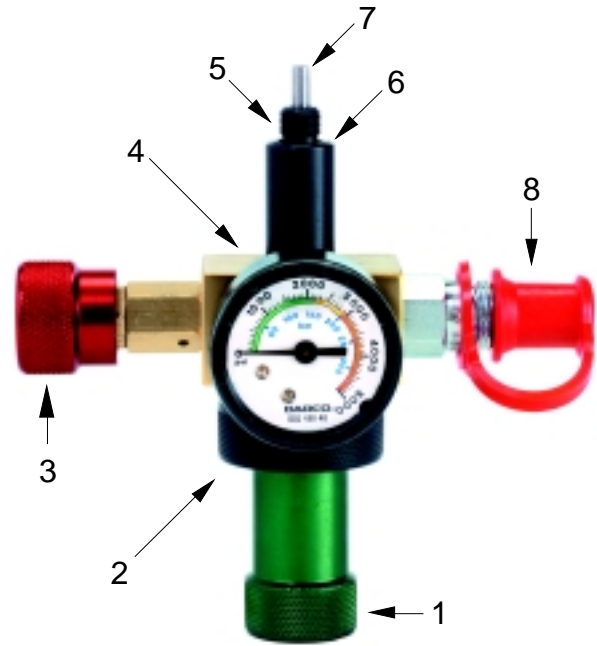


**DADCO Pressure Analyzer - 90.315.4**

**90.315.4 Features**

- Quick and easy tool for charging DADCO's 90.10, 90.5B, and 90.60 Series Large Gas Springs.
- Safe discharging of DADCO's Large gas Springs
- Sample gauging of internal pressure (not recommended for short stroke gas springs)



**Components**

1. Valve Depressor Knob	5. G 1/8 BSPP Thread
2. Port Engagement Knob	6. Face Seal
3. Bleed Valve	7. Valve Depressor
4. High Pressure Gauge	8. Male Quick Disconnect

**Operation**

**Please follow the guidelines below for proper operation:**

**Charging:**

- Be sure the valve depressor knob [1] is fully retracted (CCW) and the bleed valve [3] is closed (CW).
- Fasten the G 1/8 threaded end [5] to the gas spring port by rotating the port engagement knob [2] (CW) until tight against the face seal [6].
- Connect a quick disconnect charging assembly to the male quick disconnect [8].
- Open the nitrogen supply and verify the charging pressure on the regulator gauge [4] is correct.
- Rotate the valve depressor knob [1] (CW) until the needle valve is open. When the valve is open there will be a sound indicating a pressure change in the cylinder.
- When the pressure in the cylinder reaches the desired charging pressure, close the nitrogen supply. Disconnect the charging assembly from the male quick disconnect [8].
- Retract the valve depressor knob (CCW) [1].
- Bleed off the excess pressure in the 90.315.4 using the bleed valve [3].
- Unscrew the 90.315.4 from the gas spring.

**Gauging:**

- Repeat A and B above.
- Extend the valve depressor [7] by rotating (CW) the valve depressor knob [1] until the gauge [4] reads the pressure in the cylinder.
- Retract the valve depressor [7] by rotating it (CCW). Bleed the sampling pressure by opening the bleed valve [3].

**Discharging:**

- Repeat A and B above.
- Extend the valve depressor [7] by rotating (CW) until the gauge [4] reads the pressure. Slowly open the bleed valve [3] to discharge pressure from spring until desired pressure is shown on the gauge [4].