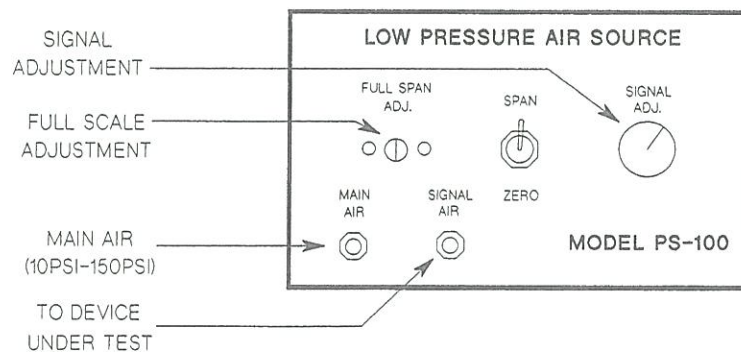


MODEL PS-100 LOW PRESSURE SIGNAL GENERATOR

DESCRIPTION

The PS-100 is designed to produce pneumatic output pressure signals in the ultra low ranges. The PS-100 is capable of generating a steady non-pulsating output signal as low as 0.010" of Water Column up to full span value of 10". The PS-100 has been specifically designed for the calibration of electronic and pneumatic devices having full scale values as low as 0.10" Water Column.

A. PS-100 CONNECTION DIAGRAM:



B. CALIBRATION:

1. Connect Main Air source (10 PSI Min. / 150 PSI Max.) to the PS-100.
2. Turn both Signal and Full Span Adjustments fully clockwise.
3. Set Span/Zero switch to zero.
4. Connect Signal Air Output to device(s) under test.
5. Set Span/Zero switch to span.
6. Turn Full Span Adj. counter clockwise until desired full scale air (In. W. C.) is acquired.
7. The PS-100 Low Pressure Air Source is now calibrated. All desired output values between zero and full span will be accomplished by adjusting the black knob labeled "Signal Adj.".

CAUTION: The PS-100 should not be used on any device that emits a self purge. Failure to follow the above procedure may result in the damage of the device under test. Main (source) Air must be constant (non-pulsating) to assure a stable output.