

Compound, Vacuum and H.P. Gauge Accuracy

To better define the accuracy of compound, vacuum and high pressure gauges, the following information has been compiled.

COMPOUND GAUGE ACCURACY*

Test Gauges: $\pm 0.25\%$ F.S. Positive Pressure;
 $\pm 0.5\%$ F.S. or ± 1 "Hg, whichever is greater, on vacuum

Process Gauges: $\pm 0.5\%$ F.S. Positive Pressure;
 $\pm 0.5\%$ F.S. or ± 1 "Hg, whichever is greater, on vacuum

Industrial Gauges: $\pm 1\%$ F.S. Positive Pressure;
 $\pm 1\%$ F.S. or ± 1 "Hg, whichever is greater, on vacuum

* On compound gauges, Full Scale (F.S.) is equal to maximum positive pressure plus maximum negative pressure (14.69 psi).

VACUUM ONLY GAUGE ACCURACY**

Test Gauges***: ± 0.2 "Hg of reading

Process Gauges: ± 0.25 "Hg of reading

Industrial Gauges: ± 0.3 "Hg of reading

** Vacuum Gauge accuracies do not conform to the callouts in Bulletin 100.

*** $\pm 1/2\%$ Test, $\pm 1/4\%$ Test not available.

HYSTERESIS ON 6,000 PSI AND ABOVE

All gauges of 6,000 psi and above will have a descending accuracy of 1%.

Examples of 6,000 to 10,000 psi:

Series 10_ will have $1/4\%$ ascending, 1% descending.

Series 11_ will have $1/2\%$ ascending, 1% descending.

Series 12_ will have 1% F.S., $1/2\%$ MS ascending, 1% descending.

15,000 psi test gauges will have $1/2\%$ ascending and 1% descending accuracies.