

## 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  $\pm 1$ "Hg, whichever is greater, on vacuum

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

Industrial Gauges:  $\pm 1\%$  F.S. Positive Pressure;  
 $\pm 1\%$  F.S. or  $\pm 1$ "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\*\*\*:  $\pm 0.2$ "Hg of reading

Process Gauges:  $\pm 0.25$ "Hg of reading

Industrial Gauges:  $\pm 0.3$ "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.