PERMA-CAL® INDUSTRIES, INC.
DIRECT DRIVE PRESSURE GAUGES

ACCURACY SPECIFICATIONS

This document defines the accuracy by P/N code for a given psi range (or equivalent) specification.

All gauges are calibrated/inspected in the vertical position. Contact sales for other orientation options.

Code (a**B**cdefgghij-k)	**<30 psi**	**30 ≤ 5000 psi**	**5001 ≤ 10000 psi**	**>10000 psi**	**Vacuum[2]**	**Compound[1]**
Test (**0**) [3] [4]	±0.5% F.S.	±0.25% F.S.	±0.25% F.S. Ascending ±1.0% F.S. Descending	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.20 inHg	±0.25% F.S. Pos. Pressure Greater of ±0.5% F.S. or ±1.0inHg on Vac.
Process (**1**)	±0.5% F.S.	±0.5% F.S.	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.5% F.S. Ascending ±1.0% F.S. Descending	±0.25 inHg	±0.5% F.S. Pos. Pressure Greater of ±0.5% F.S. or ±1.0inHg on Vac.
Process (**2**)	±1.0% F.S.	±0.5% F.S. at M.S. ±1.0% F.S.	±1.0% F.S.	±1.0% F.S.	±0.30 inHg	±1.0% F.S. Pos. Pressure Greater of ±1.0% F.S. or ±1.0inHg on Vac.

Receiver Ranges	**Refrigerant Ranges**	**Caisson Gauges**
±1.0% F.S. only	±0.5% F.S. or ±1.0% F.S. only	±0.25% F.S. Ascending ±0.5% F.S. Descending

NOTES:

1. Full scale (F.S.) is defined as the sum of the positive and negative pressure ranges.
2. ±0.25% F.S. and ±0.5% F.S. test not available.
3. Test gauges have higher resolution dials. See Dial Availability Chart for details.
4. 8.5” test gauges ≤30 psi are ±0.5% F.S. Ascending, ±1.0% F.S. Descending.

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