

FEATURES AND SPECIFICATIONS

DIRECT DRIVE FEATURES

Perma-Cal gauges have an unique, helically wound element that has no mechanical moving parts. The direct drive element has no moving parts to wear out!

Perma-Cal gauges will withstand a 50% overpressure without going out of calibration.

Outstanding for vibration, pulsation and shock environments. Internally dampened to reduce pointer flutter during vibration. No need to liquid fill!

Flange models available in six colors for color coding of ranges or test panels (4½", 6", 8½" sizes).

Other features:

Solid front - blow out back, the safest design.

Very small internal volume, a safety feature in case of misapplication or catastrophic failure.

Expediting available for most models and ranges, check with factory.

5 year warranty that the element will not fail due to wear.

Sizes from 2 1/2" to 8 1/2", pressure ranges from 30 psi to 15,000 psi.

TYPICAL SPECIFICATIONS FOR PERMA-CAL GAUGES

1. Gauges shall be Perma-Cal, (A.* insert model number) Series pressure gauges.
2. Accuracy shall be certified (B.** insert accuracy desired)
3. Case to be ABS High Impact plastic, solid front design.
4. Gauges shall have triple helical-coil bourdon tube with no gears, linkages or "C-tubes" permitted.
5. Gauges shall have 316SS stems and fittings.
6. Sensor element shall be Inconel X-750 material.

A.* - Model #'s 100, 101, 103, 108, 110, 111, 112, 113, 120, 121, 122, 123.

B.** - Accuracy ¼% full scale, ½% full scale, or 1% full scale, ½% mid-scale.