

GAUGE SELECTION

Many factors must be considered when selecting the proper gauge for your application. ENFM stocks both pressure and temperature instrumentation in two basic measuring systems.

- 1) Barstock machined brass copper alloy connections with both soldered and silver brazed seamless annealed bourdon tubes
- 2) Barstock machined 316SS connections with welded 316 seamless annealed bourdon tubes

Mechanical Internal Overload Protection is standard on all 4", 4.5" and 6" gauges.

Accuracies available from stock in ANSI Grades 3A, 2A, 1A, A, and B

Other measuring systems, Monel, Chromalloy, etc are available on special order.

BE VERY AWARE OF CHEMICAL COMPATABILITY WHEN SELECTING GAUGE !!!

Who knows your application better than the person using the gauge! For compatibility requirements exceeding our standards, consult ENFM-USA.

Select your pressure range based on reading 75% of the dial scale for static, 66% for dynamic (fluctuating) pressures.

AMBIENT CONDITIONS

ENFM stocks a variety of case materials including drawn black steel, 304 Stainless Steel, and thermoplastic configurations. Consider the environment when selecting your instrument casing. Excessive temperature or mechanical vibration should be considered when selecting mounting location.

SEVERE SERVICE/CONDITIONS

ENFM has been a global leader in liquid filled instrument innovation since their inception. All non-ferrous case configurations are available in both liquid filled, and field fillable designs.

Liquid filled gauges allow for absorption of mechanical shock, provide constant lubrication to the all metal movement, and prevent condensation accumulation on the inside of the lens. Threaded, internal connection snubbers are available on all pressure gauges where additional surge protection is required.

OPERATOR SAFETY

WARNING-- CONSULT ASME B40.1 before using any gauge!

ENFM offers a special series of SOLID FRONT SAFETY GAUGES (series 8000)

These gauges are specifically designed to exhaust any failure of the measuring system through the back of the case which completely disengages releasing away from the operator. Laminated safety glass is a standard. All Stainless Steel measuring systems are helium leak tested confirming welding integrity.