Inclined Manometer Air Filter Gages

Precision Machined, Solid Acrylic Plastic Gages, Accurate To ±1% Of Full Scale

**FEATURES**

Highly accurate and easy to use yet almost indestructible, Dwyer® Series 250-AF Manometers, Stationary Inclined Air Filter Gages are precision machined 1” thick solid acrylic plastic, virtually unbreakable and free of distortion. The fluid bore is precision drilled to ±0.0002” to assure life long accuracy. A glass spirit level is built into the body and encapsulated to prevent damage or tampering. The scale is mirror polished chrome plated brass to assure parallax free reading by alignment of the meniscus and its reflection. Safety traps are incorporated in the body to prevent loss of fluid due to pressure surges. Red and green signal flags indicate clearly when a filter change is necessary. Gages are suitable for use in ambient temperatures of -20 to 150°F. Connection fittings are positively sealed by “O” rings but easily removed for change is necessary. Gages are furnished complete with instructions.

**Construction**

Dwyer® DURABLOCK® Series 250-AF Gages are precision machined 1” thick solid acrylic plastic, virtually unbreakable and free of distortion. The fluid bore is precision drilled to ±0.002” to assure life long accuracy. A glass spirit level is built into the body and encapsulated to prevent damage or tampering. The scale is mirror polished chrome plated brass to assure parallax free reading by alignment of the meniscus with its reflection. Safety traps are incorporated in the body to prevent loss of fluid due to pressure surges. Red and green signal flags indicate clearly when a filter change is necessary. Gages are suitable for use in ambient temperatures of -20 to 150°F. Connection fittings are positively sealed by “O” rings but easily removed for zeroing or addition of fluid. Furnished complete with instructions.

**Over-Pressure Safety Traps Prevent Fluid Loss**

Exclusive Dwyer® over pressure safety traps assure that over range pressures whether gradual or a sudden surge will not force the liquid out of the gage. Over pressures simply raise the float, force the O-ring over the opening and seal the fluid in the gage. When pressure is reduced, float drops down releasing the O-ring safety trap opens and the gage continues in operation.

**Durablock® Solid Plastic Stationary Gages**

Suitable for Total Pressures Up to 100 psig, Temperatures Up to 150°F. Accuracy ±2% of Full Scale (1% on Models 215, 244, 246 Only)

**ACCESSORIES**

A-310B, 3-way vent valve, 1/8” NPT to 1/4” metal tubing, 10 psi rating.
A-317, Gage connector, 1/8” pipe thread opening, less OD thread, for slip fit in 3/4” diameter opening in Series 250-AF gages.