Dwyer® Model 424 inclined-vertical manometers are extremely accurate instruments designed and made especially for precision measurement of low differential pressures in laboratory and test applications. The inclined range bore has a length of 20˝ to provide ample multiplication of indicating fluid movement in this critical lower part of the range.

Series 420 Inclined-Vertical Manometers Accurate To ±1%

Typical of Series 420 Inclined-Vertical Manometers is Model 422-10 double column manometer with a total range of 0 to 10˝ of water. Single column models are also furnished. Design features are essentially the same as for the Series 424. They are accurate to ±1% and are particularly suited for use with pitot tubes and in flow measurement or similar applications.

Dwyer® Flex-Tube® Well Type Manometers are designed to meet the need for a direct reading single column instrument providing highly accurate pressure readings; positive, negative or differential. Unlike other makes, Dwyer® manometers have no hidden wells or packing glands. These instruments are constructed of shatterproof clear plastic tubing permanently bonded to well assemblies with leakproof glued joints. Well assemblies are precisely machined from solid acrylic plastic. Overpressure safety traps assure protection against loss of fluid. Heavy pure white acrylic plastic scales have sharp black silk screened figures and graduations sealed with clear mylar coating. Scales are adjusted with quick acting positive mechanism. Heavy heat treated aluminum back plates have durable gray hammerloid finish. These manometers are rated to 100 psig (6.89 bar). Not recommended for vacuum service beyond 5 in. Hg (68 in. w.c.).

STANDARD ACCESSORIES

Include one set of type “a” connections, .826 sp. gr. red gage fluid for “D” style or fluorescein green dye concentrate with wetting agent for “W/M” styles, two 3 ft lengths of clear vinyl tubing and two 1/8˝ NPT tubing adapters.

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