

97401 U-Tube Type Manometer

The S&J 97401 U-Tube Type Manometer is a direct reading single tube type gauge, that provides highly accurate, easy to read pressure measurements. Standard red oil fluid is used in the manometer.

The S&J 97401 U-Tube Type Manometer is used to gauge pressures at critical points in gas-train systems. Pressure, vacuum or differential pressure can be gauged to provide complete monitoring of the gas-train system.

Typical applications that the 97401 can be used in include anaerobic digester tanks/gas trains, boiler lines, engines, various plant utility lines and flares/waste gas burners.

Easy panel mounting of the manometers provides a convenient single point for monitoring various pressures in the system. The manometer also has simple in-place calibration.

Specifications:

Duplex Scale:

Graduated in English Units - Inches and Tenths W.C.
or Metric Units - Millimeters and Centimeters

Fluid:

Red unity Oil (Standard)
Green Concentrate Fluid (Optional)

Indoor/Outdoor Wall Panel Mounting:

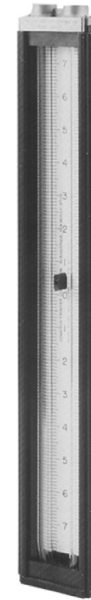
Aluminum, Steel, Stainless Steel

Venting Petcock:

Specified for installation at inlet of each manometer to permit routine maintenance. Allows venting of manometer inlet to atmospheric pressure to check zero calibration.

Float Check Valve:

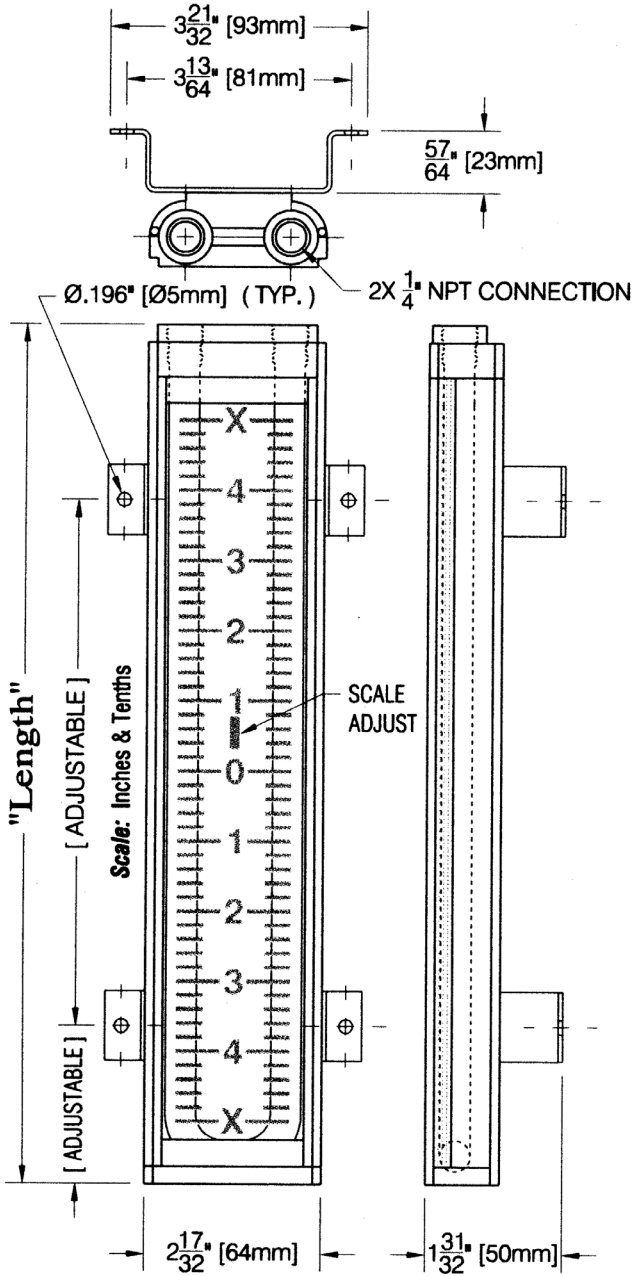
A Float Check Valve should be installed on the atmospheric and / or pressure side of each manometer. The valve closes as pressure surges beyond the manometer range, and opens when normal pressure is restored.



Features

- Pressure or Vacuum Measurement
- Measures Differential or Point Pressure Readings
- Indoor or Outdoor Use
- Sizes 6", 10", 15", 20", 24", 30", 36", 50"
- Easily Bank Mounted
- Extruded Aluminum, Anodized Finish

Outline Dimensions



Standard indicating fluid is Red Oil (other available).
 Specific Gravity = 1.0, 30°F - 100°F.
 Specific Gravity of fluid must match scale.
 Consult factory for additional Indicating Fluids.

Range	Length in Inches (mm)
6"	9 $\frac{5}{8}$ (244)
10"	14 $\frac{1}{4}$ (362)
15"	17 $\frac{15}{16}$ (455)
20"	23 $\frac{3}{16}$ (589)
24"	27 $\frac{1}{2}$ (698)
30"	33 $\frac{11}{16}$ (855)
36"	39 $\frac{15}{16}$ (1014)
50"	54 $\frac{5}{16}$ (1379)

All designs subject to change. Certified dimensions and specifications available upon request.