

## 97400 Well-Type Manometer

The S&J 97400 Well-Type Manometer is a direct reading single tube type gauge, that provides highly accurate, easy to read pressure measurements. Standard Green Fluid with specific gravity of 1.0 is used in the manometer.

The S&J 97400 Well-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 97400 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 have simple in-place scale adjustment.

### Specifications:

#### Duplex Scale:

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

#### Fluid:

Green Fluid (Standard)

#### 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 12", 20", 24" or 30"
- Easily Panel Mounted
- Extruded Aluminum, Anodized Finish

## 97400 Ordering Guide

### Model Number Selection

The model number will have a base number **97400** followed by 5 digit numbers. These digits will represent 4 sets of option tables.

**97400 - AB - CD - E**

**Table AB - Range**

Option AB	Range
12	12" W.C.
20	20" W.C.
24	24" W.C.
30	30" W.C.

**Table D - Mounting Panel**

Option D	Description
0	No Mounting Panel
1	Aluminum Mounting Panel
2	Stainless Steel Mounting Panel
3	Steel Mounting Panel

Consult Factory for Multiple Unit Mounting Panels

**Table C - Scale Type**

Option C	Description
1	English
2	Metric

**Table E - Accessories**

Option E	Accessories
0	None
1	Vented Petcock, Brass
2	Float Check Valve, Stainless Steel with Teflon Float
3	Vented Petcock, Float Check
4	Vented Petcock, Float Check & Flame Check (Aluminum with Stainless Steel Elements)

### Accessories

Part Number	Description
9740-10054	Green Indicating Fluid S.G. = 1.0; 30°F -100°F (standard)
9740-10061	Float Check Valve, 1/4" NPT, Stainless Steel with Teflon Float
9740-10070	Vented Petcock, 1/4" NPT, Brass
9740-10080	Isolation Valve, 1/4" NPT, Bronze
9740-10282	20"/24" Mounting Panel Kit, Aluminum
9740-10283	20"/24" Mounting Panel Kit, Stainless Steel
9740-10280	12" Mounting Panel Kit, Aluminum
9740-10281	12" Mounting Panel Kit, Stainless Steel
9740-10284	30" Mounting Panel Kit, Aluminum
9740-10285	30" Mounting Panel Kit, Stainless Steel

Consult Factory for additional Indicating Fluids and temperature ranges. Scale must match S.G. of fluid. Fluid capacity 4oz.