

## DIFFERENTIAL PRESSURE GAUGE MODEL : P620, P630 SERIES

# WISE<sup>®</sup>

### SERVICE INTENDED

P620 & P630 Series Differential Pressure Gauge is designed for measurement of differential pressure up to 5 or 25MPa. A set of two stainless steel bellows mounted on a force balance allows direct reading of the actual differential pressure.

### NOMINAL DIAMETER

100 and 150mm

### ACCURACY

±1.5% of Full Scale

±1.0% of Full Scale

### SCALE RANGE (MPa, kPa, bar)

0~1kPa to 0~50kPa and

0~0.1MPa to 0~1.5MPa

### STATIC PRESSURE

P620 : 5MPa

P630 : 25MPa

### WORKING TEMPERATURE

Ambient : -20 ~ 65°C

Fluid : -20 ~ 80°C

### DEGREE OF PROTECTION

IP65



## Standard Features

### PRESSURE CONNECTION

Stainless Steel (316SS), Monel

### ELEMENT

Bellows

Stainless Steel (316SS), Monel

### CASE & COVER

Stainless Steel (304SS)

### DIAL

White Aluminium with  
Black Graduations

### WINDOW

Safety Glass

### POINTER

Aluminium alloy, Black painted

### CONNECTION

1/4" NPT(F)

1/2" NPT(F) at 3-Valve Manifold  
and 5-valve Manifold.

### STANDARD ACCESSORIES

- Mounting Bracket for 2" Pipe Mounting  
Silver gray Finished Steel

### OPTIONAL

- Remote Seal
- Mounting Bracket with 316SS for 2" Pipe Mounting
- 3-valve Manifold (316SS)
- 5-valve Manifold (316SS)

## ORDERING INFORMATION

**BASE MODEL**

**P620 : DIFF. PRESSURE GAUGE (Max Working Pressure : 50kgf/cm<sup>2</sup>)**

**P630 : DIFF. PRESSURE GAUGE (Max Working Pressure : 250kgf/cm<sup>2</sup>)**

**NOMINAL DIAMETER**

4 : 100mm

6 : 150mm

**MOUNTING TYPE (Refer to Mounting Type & Dimension)**

D : Bottom Connection, Mounting Bracket for 2" Pipe

L : Bottom Connection, Flush, Case Center Mounting Plate

**ACCURACY**

3 : ±1.0% of Full Scale

4 : ±1.5% of Full Scale

**PROCESS CONNECTION**

C : 1/4" NPT(F)

E : 1/2" NPT(F) (Only at 3-way & 5-way valve manifold)

**MOUNTING BRACKET TYPE**

D : Standard Bracket

E : 304SS Mounting Bracket

F : 316SS Mounting Bracket

W : Wall Mounting Bracket (316SS)

**UNIT**

J : kPa

S : mbar

H : bar

I : MPa

**RANGE**

041 : 0~0.1MPa

042 : 0~0.2MPa

043 : 0~0.3MPa

044 : 0~0.4MPa

045 : 0~0.6MPa

047 : 0~1MPa

050 : 0~1.5MPa

058 : 0~1kPa, Not available with remote seal type

061 : 0~2kPa, Not available with remote seal type

063 : 0~3kPa, Not available with remote seal type

065 : 0~4kPa, Not available with remote seal type

066 : 0~5kPa, Not available with remote seal type

070 : 0~10kPa, Not available with remote seal type

117 : 0~20kPa, Not available with remote seal type

119 : 0~30kPa, Not available with remote seal type

123 : 0~50kPa

**DIAL COLOR**

3 : 2 Colors

**OPTIONS**

0 : Standard  
(2 inch Mounting Bracket)

1 : Accessories  
(3-way & 5-way valve manifold)

2 : Standard+Liquid Filling

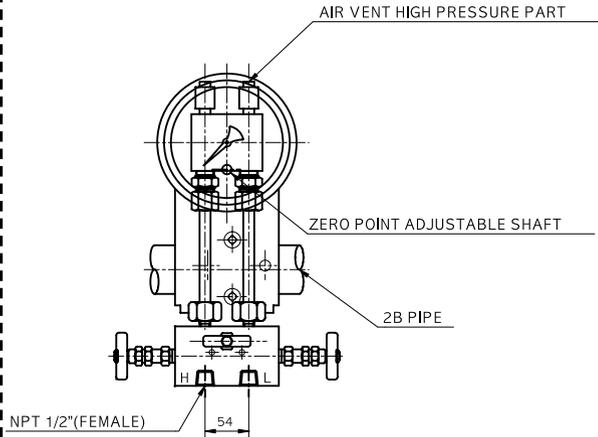
3 : 3-way & 5-way valve manifold  
+ Liquid Filling



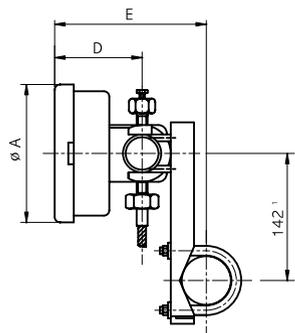
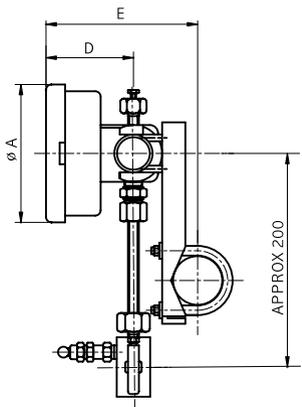
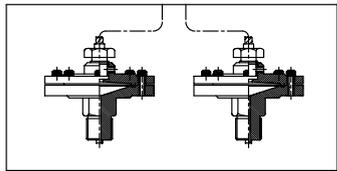
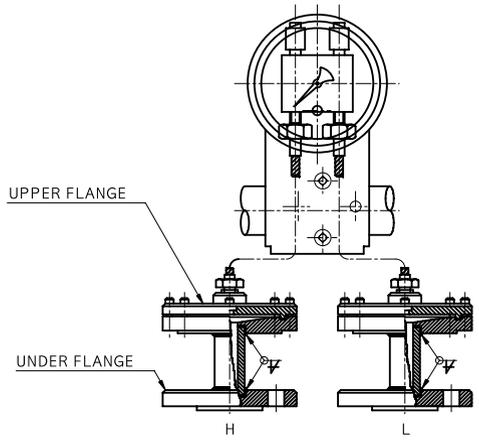
**SAMPLE  
MODEL  
NUMBER**

**P620, P630 : TYPE OF MOUNTING (1/2)**

CODE ( D ) P620 AND P630



CODE ( D ) P620 AND P630(Remote seal)

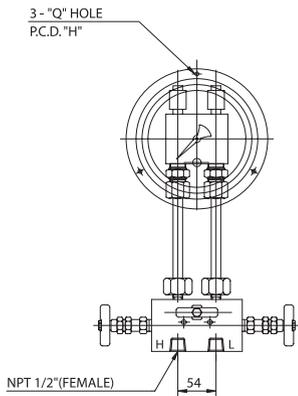


Dimensions (mm)

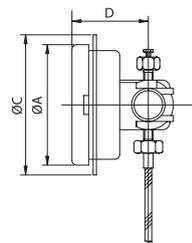
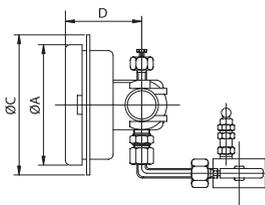
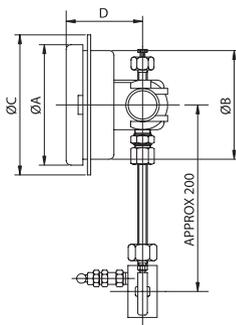
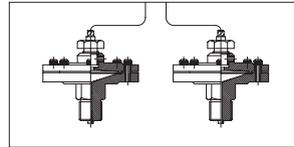
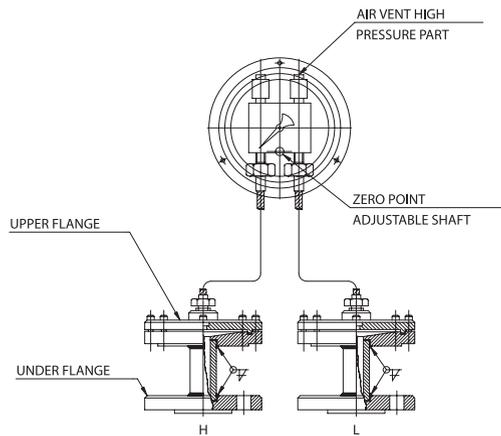
DIAL SIZE	A	D	E
100	101.3	98	158.5
150	168.5	108	168.5

# P620, P630 : TYPE OF MOUNTING (2/2)

CODE ( L )P620 AND P630



CODE ( L )P620 AND P630(Remote seal)



Dimensions (mm)

DIAL SIZE	A	B	C	D	H	Q
100	101.3	Ø100.4	132	98	115~116	Ø4.8
150	168.5	Ø162	190	108	182	Ø5.5