

LOW PRESSURE GAUGE WITH Cr PLATED STEEL CASE MODEL : P440 SERIES

WISE[®]

SERVICE INTENDED

The P440 Series designed to measure low pressure, vacuum or compound ranges. These model have a stainless steel element and Cr plated steel case.

NOMINAL DIAMETER

63 and 100 mm

ACCURACY

±1.5% of Full Scale

SCALE RANGE (mmH₂O, mbar, kPa)

-5000 ~ 0 to -500 ~ 0 mmH₂O

-1500 ~ 1500 to -250 ~ 250 mmH₂O

0 ~ 500 to 0 ~ 5000 mmH₂O

WORKING PRESSURE

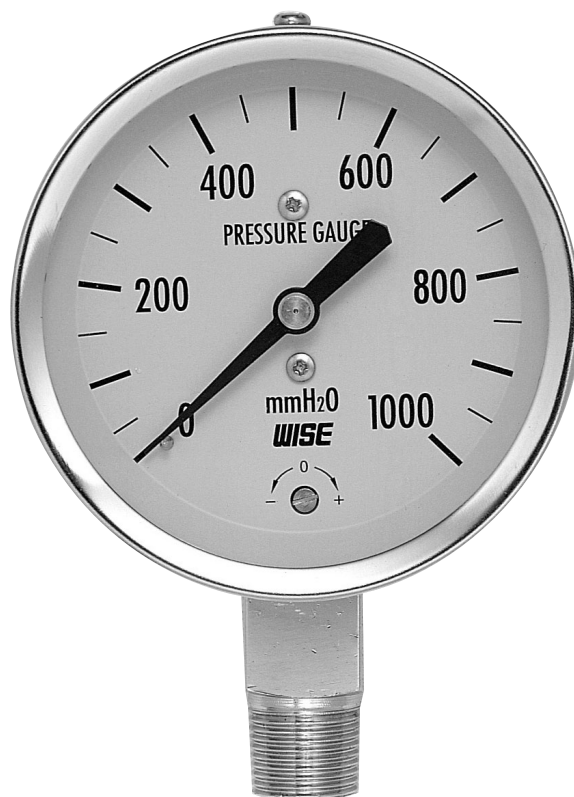
Steady : 75% Full Scale

Over Range Protection : 130% of Full Scale

WORKING TEMPERATURE

Ambient : -20 ~ 65°C

Fluid : -20 ~ 80°C



Standard Features

PRESSURE CONNECTION

Cr plated Brass, Bottom Connection
316SS, Centre Back Connection

ELEMENT

Beryllium Copper

CASE & BEZEL RING

Cr plated Steel (63 and 100mm, Bottom Connection)
304SS (63mm, Centre Back Connection)
Black Finished AL. (100mm, Bottom Connection)

WINDOW

Glass

MOVEMENT

Brass

DIAL

White Aluminium with Black Graduations

POINTER

Aluminium alloy, Black painted

PROCESS CONNECTION

63mm : 1/8", 1/4"PT, NPT & PF
100mm : 3/8", 1/2"PT, NPT & PF

ORDERING INFORMATION

BASE MODEL

P440 : LOW PRESSURE GAUGE WITH Cr PLATED STEEL CASE

NOMINAL DIAMETER

- 2 : 63mm
- 4 : 100mm

MOUNTING TYPE(Refer to Mounting Type & Dimension)

- A : Bottom connection,Direct
- F : Center Back Connection, Direct, Not Available with Diameter 100mm
- J : Center Back Connection, Flush, Cover Mounting Plate, Not Available with Diameter 100mm
- H : Center Back Connection, Flush, Case Center Mounting Plate, Not Available with Diameter 100mm
- I : Center Back Connection, Flush, Case Center Mounting Plate with Bracket, Not Available with Diameter 100mm
- V : Center Back Connection, Flush, Cover Center Mounting Plate with Bracket, Not Available with Diameter 100mm

ACCURACY

- 4 : ±1.5 % of Full Scale

CONNECTION

- B : 1/8" Only available with diameter 63mm
- C : 1/4" Only available with diameter 63mm
- D : 3/8" Only available with diameter 100mm
- E : 1/2" Only available with diameter 100mm

CONNECTION TYPE

- B : PF
- C : PT
- D : NPT

UNIT

Refer to Pressure Unit & Range Table

RANGE

Refer to Pressure Unit & Range Table

DIAL COLOR

- 1 : Brass & 2 Colors,
Only available with mounting type A
- 3 : 316SS & 2 Colors,
Not available with mounting type A

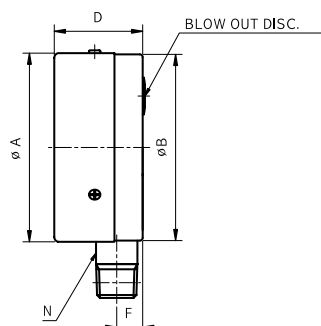
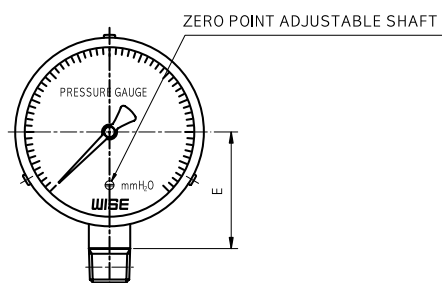
OPTIONS

- 0 : None
- 1 : Accessories

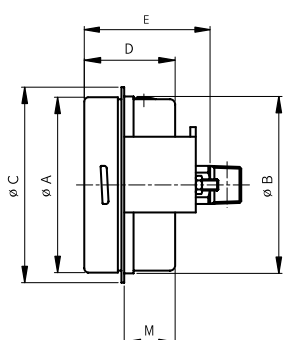
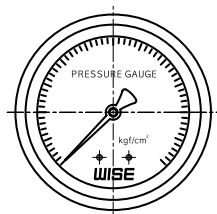
P440	4	B	4	D	B	G	125	1	0	SAMPLE MODEL NUMBER
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P440 : TYPE OF MOUNTING

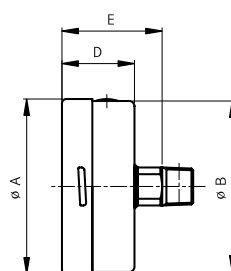
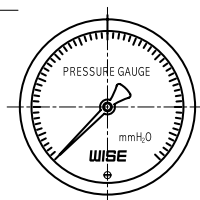
CODE A



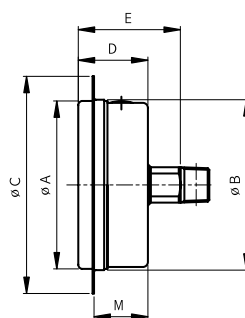
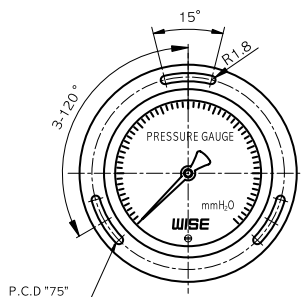
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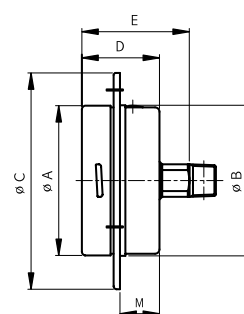
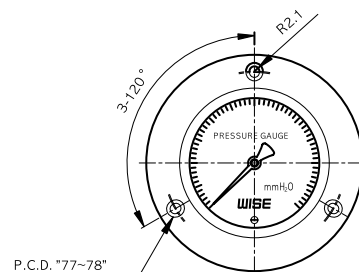
CODE F



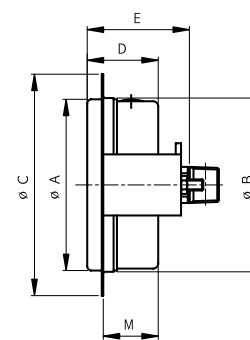
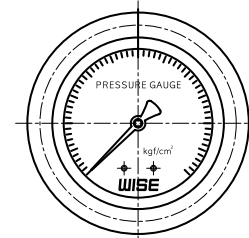
CODE J



CODE H



CODE V



Dimensions (mm)

DIAL SIZE	AVAILABLE CODE	A	B	C	D	E	F	M	N
63	A	66	65	39.5	39.5	44	11	11	14
	F	63.7	62		34	45			14
	H	63.7	64.5	92	34	45		16.8	14
	I	63.7	64.5	71	34	45		18.5	14
	J	63.7	66	86	34	45		28	14
	V	63.7	66	86	34	45		28	14
100	A	100.3	99	47	47	62	13.8	13.8	22

PRESSURE UNIT & RANGE TABLE

RANGE & CODE	UNIT & CODE			63mm	100mm
	G : mmH ₂ O	S : mbar	J : kPa		
105	-5000~0	-500~0	-50~0	○	○
104	-4000~0	-400~0	-40~0	×	×
001	-3000~0	-300~0	-30~0	○	○
103	-2500~0	-250~0	-25~0	○	○
002	-2000~0	-200~0	-20~0	○	○
003	-1500~0	-150~0	-15~0	○	○
004	-1000~0	-100~0	-10~0	○	○
006	-500~0	-50~0	-5~0	○	○
073	-1500~1500	-150~150	-15~15	○	○
071	-1000~1000	-100~100	-10~10	○	○
014	-500~500	-50~50	-5~5	○	○
016	-400~400	-40~40	-4~4	×	×
018	-300~300	-30~30	-3~3	○	○
019	-250~250	-25~25	-2.5~2.5	○	○
066	0~500	0~50	0~5	○	○
070	0~1000	0~100	0~10	○	○
116	0~1500	0~150	0~15	○	○
117	0~2000	0~200	0~20	○	○
118	0~2500	0~250	0~25	○	○
119	0~3000	0~300	0~30	○	○
120	0~3500	0~350	0~35	×	×
121	0~4000	0~400	0~40	×	×
123	0~5000	0~500	0~50	○	○

○ : AVAILABLE × : NOT AVAILABLE