

Stainless Steel Pressure Gauges SS316 wetted parts - **MX Series**

Specifications:

Dial Size

1-1/2" (40mm), 2" (50mm), 2-1/2" (63mm),
4" (100mm), 6" (150mm), 8" (200mm), 10" (250mm)

Accuracy

±1.6% F.S.D. For 40mm, 50mm, 63mm
±1% F.S.D. For 100mm, 150mm, 200mm, 250mm

Ranges / Scales

All Std. Ranges from upto 1000bar/kg/cm² or 15000psi
Vacuum & Compound Ranges
Std. Scales: psi/kg/cm², kg/cm², bar

Case & Ring

SS304 Case and Ring IP65 - 63mm, 100mm, 150mm
SS304 Case and Ring - 40mm, 50mm, 200mm, 250mm

Socket (Block)

SS316

Bourdon Tube

Material:SS316
'C' Shaped Tube upto 70 Bar
Coil Shaped Tube Above 70 Bar

Movement

SS304

Window Gasket

EPDM

Blow Off Disc

Neoprene

Joints

Argon Welded

Window

Plexiglass (Standard) or Safety Glass

Pointer

'O' Adjustment Pointer / Micrometer

Connections

1/4" NPT/BSP for 63mm & 1/2" BSP/NPT for 100mm & 150mm

OverPressure Limit

1.3 times of Full Scale Pressure

Mounting

Bottom Direct, Bottom Surface, Back Direct, Back Panel, Back Clamp

Operating Temperature ^{Note 1}

Ambient Temp: -40° F to 140° F (-40° to 60° C)

Media: max 212° F (+100°C)



Options:

Glycerin Filling
Toughened Glass /Safety Glass/ShatterProof Glass etc.
Customized Dials - scales, ranges, OEM logos
Cleaning for Oxygen Application

How to Order / Inquire

Please advise the below

- 1) dial size
- 2) connection
- 3) mounting
- 4) pressure range
- 5) application media
- 6) or any other special requirement

Applications:

Stainless Steel Gauges are suitable for Pharmaceutical, Chemical, Petrochemical, Oil & Gas, Refinery, Paper & Pulp, Sugar, Breweries, Food & Beverages, Cement Industries, etc

Model Nos.

Dial Size	Model	Mounting Available (Type A to I)
1-1/2" (40mm)	MX150	D,
2" (50mm)	MX200	A, D
2-1/2" (50mm)	MX250	A, D, E, F
4" (100mm)	MX400	A, B, G, H, I
6" (150mm)	MX600	A, B, G, H
10" (250mm)	MX1000	A, B

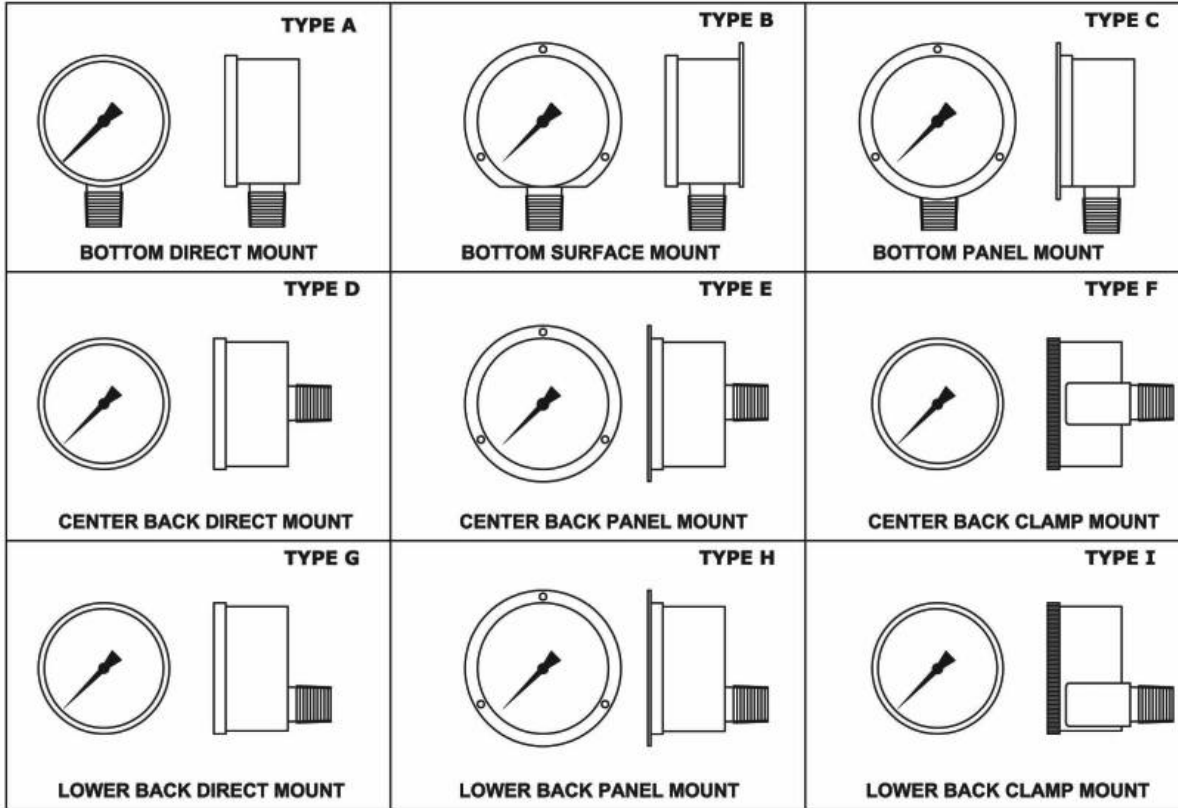
For eg. Model No for 4" Bottom Direct Mount = MX400-A

Note 1: Temperature Ranges for Liquid Filled Gauges

Glycerine: -4°F to 140°F (-20°C to 60°C)

Silicone: -40°F to 140°F (-40°C to 60°C)

Mounting Information



Range Selection

Dual Scale kg/cm² with psi (or bar / psi)

Range		Least Count		Range		Least Count		Vacuum/Compound Range in kg/cm ²	Least Count
kg/cm ²	psi	kg/cm ²	psi	Kg/cm ²	psi	Kg/cm ²	psi		
0-1.06	0-15	0.02	0.5	0-42	0-600	1	20	-760 to 0	0.02
0-2.1	0-30	0.05	1	0-56	0-800	2	20	-760 to 1.5	0.05
0-3.5	0-50	0.1	1	0-70	0-1000	2	20	-760 to 3	0.1
0-4.2	0-60	0.1	2	0-105	0-1500	2	50	-760 to 5	0.2
0-7	0-100	0.2	2	0-140	0-2000	2	50	-760 to 9	0.5
0-10.6	0-150	0.2	5	0-210	0-3000	5	100	-760 to 15	0.2
0-14	0-200	0.2	5	0-280	0-4000	10	100	-760 to 24	0.5
0-17.5	0-250	0.5	10	0-350	0-5000	10	200		
0-21	0-300	0.5	10	0-420	0-6000	10	200	(mmhg to kg/cm ² / with psi readings)	
0-28	0-400	0.4	10	0-560	0-8000	10	200		
0-35	0-500	1	10	0-700	0-10000	20	200		

Only kg/cm² or bar

Range in kg/cm ²	Least Count	Range in kg/cm ²	Least Count	Vacuum/Compound Range in kg/cm ²	Least Count
0-1	0.02	0-40	1	-1x0	0.2
0-1.6	0.04	0-60	1	-1x1.5	0.05
0-2.5	0.05	0-100	2	-1x3	0.1
0-4	0.1	0-160	4	-1x5	0.1
0-6	0.1	0-250	5	-1x9	0.2
0-10	0.2	0-400	10	-1x15	0.4
0-16	0.4	0-600	10	-1x24	0.5
0-25	0.5				