



# ALL SS SANITARY PRESSURE GAUGE P-20

DIAPHRAGM TYPE (50MM & 63mm)



## SPECIAL FEATURES

STAINLESS STEEL CASE & MEASURING SYSTEM  
DRY OR LIQUID FILLED  
DIAPHRAGM SEAL INTEGRALLY BUILT WITH GAUGE.  
REDUCES THE EFFECT OF VIBRATION / PULSATION  
PROVIDES BEST HYGIENE FACTOR  
STANDARD FOLLOWED EN 837-3

## APPLICATIONS

THESE INSTRUMENTS ARE DESIGNED FOR SANITARY, FOOD, PROCESS & PHARMACEUTICAL & PAINT INDUSTRY.  
BACTERIAL & FUNGAL ACCUMULATES WHICH CONTAMINATE THE PROCESS ARE ELIMINATED.  
THE MIRROR FINISHING OF THE COMPONENTS ASSURES THE BEST HYGIENE.

## STANDARD VERSION NOMINAL SIZE : 50 & 63 mm

Accuracy class	1,6
Ambient temperature	-20 to 60°C
Process temperature	-20°C TO 140°C
Operating pressure range	75% of Scale value
Over pressure limit	130% of Scale value
Case & Bezel	AISI 304 SS (Polished) (Bayonet Type)
Socket	AISI 316 SS
Bourdon	AISI 316L SS
Movement	AISI 304 SS
Body	AISI 316 SS
Joints	Tig argon arc welding
Diaphragm	AISI 316L SS (polished)
Sanitary seal	1 1/2" size in AISI 316 SS (Without clamp, gasket & matching part)
Protection	IP 65
Dial	Aluminium, black graduation on white background
Pointer	Aluminium, black coloured, fixed
Window	Plexi glass
Gasket	Silicon rubber
Filling plug	Neoprene
Sealing fluid	Food grade oil

## DRY BUT FILLABLE VERSION (OPTION FG)

Fillable dampening liquid	Glycerine 98%
Process temperature	Maximum 65°C
Other features	Refer specification of standard version

## GLYCERINE FILLED VERSION (OPTION PY)

Accuracy	1.6
Process temperature	Maximum 65°C
Ambient temperature	Maximum 65°C
Window	Plexi glass
Dampening liquids	Glycerine 98%
Other features	Refer specification of standard version



**HOW TO ORDER**

**BASIC MODEL**

Example

**CODE**

**P-20**

**NOMINAL SIZE**

**C** 50 mm      **D** 63 mm

**X**

**TYPE OF MOUNTING**

**2** DIRECT BOTTOM ENTRY      **3** DIRECT LOWER BACK ENTRY

**X**

**SANITARY SEAL** (FOR 1" SIZE SANITARY SEAL, CONSULT FACTORY FOR DRAWING, PRICE AND DELIVERY.)

**YN** 1 1/2" SANITARY SEAL IN AISI 316 SS (Standard)      **YP** 2 1/2" SANITARY SEAL IN AISI 316 SS  
**YO** 2" SANITARY SEAL IN AISI 316 SS

**XX**

**BODY**

**CL** AISI 316 SS (Standard)      **CM** AISI 316L SS

**XX**

**DIAPHRAGM**

**UJ** AISI 316L (Standard)

**XX**

**FILLING FLUIDS**

**UV** FOOD GRADE OIL [-20 TO 140°C / -4 TO 284°F] (Standard)

**XX**

**CLAMP**

**ZO** 1 1/2" CLAMP IN AISI 304      **ZQ** 2 1/2" CLAMP IN AISI 304 SS  
**ZP** 2" CLAMP IN AISI 304

**XX**

**GASKET (SEALING RING)**

**FX** 1 1/2" SILICON GASKET      **FZ** 2 1/2" SILICON GASKET  
**FY** 2" SILICON GASKET

**XX**

**BOTTOM MATING PART**

**KB** 1 1/2" SANITARY SEAL IN AISI 316      **KD** 2 1/2" SANITARY SEAL IN AISI 316  
**KC** 2" SANITARY SEAL IN AISI 316

**XX**

**END CONNECTION OF BOTTOM MATING PART** (\* Bore size will be 8 mm)

**3BM** 3/8" BSP (M)\*      **4NM** 1/2" NPT (M)\*      **5MM** M33 x 1.5 (M)  
**4BM** 1/2" BSP (M)\*      **4ZB** 1/2" PIPE (M) (Plain End)      **5BM** 3/4" BSP (M)

**XX**

**RANGE**

REFER RANGE TABLE

**0-10  
bar**

**OPTIONAL EXTRAS**

**RH** CUSTOM DESIGNED DIAL      **RX** SHATTERPROOF / SAFETY GLASS  
**SG** OXYGEN SERVICE (FOR DRY VERSION)      **RZ** TOUGHENED GLASS  
**PS** AISI 316 SS CASE & BEZEL      **SX** SS TAG PLATE  
**PW** FIVE POINT CALIBRATION CERTIFICATE      **FG** FILLABLE LIQUID GLYCERINE  
**PY** DAMPENING LIQUID GLYCERINE FILLED      **TB** HELIUM LEAK TEST  
**GH** MATERIAL TEST CERTIFICATES\*      **ZM** ELECTRO POLISHED CASE & BEZEL

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\* MATERIAL TEST CERTIFICATES WILL BE PROVIDED FOR WETTED PARTS ONLY WITH CHEMICAL COMPOSITION TESTING. FOR OTHERS, PLEASE CONSULT FACTORY.

**Ordering Example: P-20- X - X - XX - XX - XX - XX - XX - XX - XX - XX - 0/10 bar - XX**

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.