

Laser Welding All SS Pressure Gauge



Application

MYBF-LW Series is a premium design pressure gauge with fully stainless steel construction, liquid fillable and with various option used in extreme corrosive & severe environment. MYBF-LW series can be incorporate with most accessories such as diaphragm chemical seal, siphon, dampener, etc. to further extend it usages. Commonly, it is applied in process industries, mining, power plants, steel mills, pulp & paper, water & sewage, petrochemical plants, etc..

Technical Specification

Nominal Size: 63,100, 150, 200 and 250mm

Accuracy Class: Class 1.0

Ingress Protection: IP65

Connection Size: G1/4, G1/2 or NPT or others

Pressure Range: 0..1000bar, 0..4000bar, Vacuum -1 bar..0, Compound -1..24 bar

Tube Element Shape: P≤100 bar in C tube, P> 100 bar in helicoid

Filling: Dry or liquid filled

Operating Temperature: Ambient temperature -30o..+70°C, Medium temperature 180°C Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature +20°C(+68oF), be ±0.4%/10°C(50oF) rising or falling

Over Pressure Limit: 130% of F.S.P≤100 bar, 115% of F.S.P> 100 bar

Dial Graduation: Black graduation on white for single range, Black and red graduation on white for dual ranges

Design Material

Casing and Bezel Ring: Stainless steel 304

Sensing Element: Stainless steel 316

Connection: Stainless steel 316

Window: Plain instrument glass or laminated glass

Window gasket: Industrial rubber seal

Pointer: Black painted aluminum

Dial Plate: Aluminum alloy