

## Stainless Steel Capsule Pressure Gauge



### Application

MYM-SSC series is a premium capsule gauge designed for use in low pressure measurement on non-corrosive and clean condition. It is application for dry and gaseous that not affect the cupreous metal sensing element. Blow out back case for dial 100 and 160 mm. With expanded overpressure resistance, the application is allowed for transient overpressure up to +30% of full-scale.

### Technical Specification

Nominal Size: 63, 75, 100 and 160 mm

Accuracy Class: Class 1.6, Class 2.5( $\phi$ 63,75mm)

Ingress Protection: IP 44

Connection Size: G3/8, G1/4, G1/2 or NPT or others

Scale Range: Pressure 0..10 to 0..1000 mbar; \* $\phi$ 63,75mm min range 16 mbar; Vacuum -600 mbar..0; Compound -200..+400 mbar

Tube Element Shape: Capsule type diaphragm tube

Filling: Dry type

Operating Temperature: Ambient temperature  $-10^{\circ}\text{C}$ .. $+70^{\circ}\text{C}$ ; Medium temperature  $90^{\circ}\text{C}$  Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature  $+20^{\circ}\text{C}$  ( $+68^{\circ}\text{F}$ ), be  $\pm 0.4\%$  /  $10^{\circ}\text{C}$  ( $50^{\circ}\text{F}$ ) rising or falling

Over Pressure Limit: 130% of Full Scale

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

Capsule type: Copper alloy

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Connection: Brass

Window: Plain instrument glass

Window gasket: Industrial rubber seal

Pointer: Black painted aluminum

Dial Plate: Aluminum alloy