

Main Specifications

▼ **Size**
2.5" , 4"

▼ **Installation type**
Bottom mount (A)

▼ **Windows**
Glass
Option: Safety glass

▼ **Pressure connection**
Material: SS316
Thread size:
1/8" , 1/4" , 3/8" , 1/2"

Thread type:
BSPT, NPT, PF

▼ **Pressure range**
Gauge pressure ▼
0...0.6 to 1000 bar
(> 1000bar is available made-to-order)
Negative pressure ▼
-1...0bar / -76...0cmHg
Compound pressure ▼
-1...0 to 20bar

▼ **Applicable fluid**
Liquid and gas that compatible with stainless steel

▼ **Ambient temperature**
Dry: -40°C~60°C
Glycerin-filled: -20°C~60°C
Silicone oil-filled: -40°C~60°C

▼ **Media temperature**
Dry: +100°C
Glycerin filled: +100°C
Silicon oil filled: +100°C

Other Specifications

▼ **Ring**
Stainless steel

▼ **Ring connection**
Bayonet , Crimp(Limit $\Phi 2.5"$)

▼ **Housing**
SS304

▼ **Pointer**
Aluminum with black enamel

▼ **Dial face**
Blue and black scale
Other pressure unit, scale & color available upon request

▼ **Measuring elements**
Bourdon tube
Material : SS316

▼ **Protective design**
Can be equipped with explosion-proof holes (Limited to $\Phi 4"$)

▼ **Movement**
Stainless steel

▼ **Accuracy**
 $\pm 1.5\%$ F.S. ($\Phi 2.5"$)
 $\pm 1\%$ F.S. ($\Phi 4"$)

▼ **Operating pressure**
Stabilization 3/4* full scale
Fluctuation 2/3* full scale
Impulse 1* full scale

▼ **Other requests**
Third party notarized documents
Inspection report
Tag
Customized dial face (scale, color, unit, etc.)
Install a diaphragm
Dampened movement
Peak hold pointer
Case material: SS316
External indicator (Red, green, yellow)

Multi-functional all-steel vertical pressure gauge

Model: MF-SUS Series

Introduction

Multi-functional all-steel vertical pressure gauges with various tooth specifications to choose from, suitable for measuring mildly corrosive media compatible with stainless steel, especially used in chemical, petrochemical, food industry, biochemistry, and other industries.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM Service
- All stainless steel design, can be matched with all steel supply to reduce costs.
- Multiple tooth rules are available for selection, suitable for various installation environments.
- Fillable fluid, improve seismic performance and service life.

How to Order

| MF-SUS Series Multi-functional all-steel vertical pressure gauge | | | | | | | | | |
|--|----------------|---|---|------|----------|------|--------------|------|--------------------|
| Std. | Spec. | Code | Item | Code | Item | Code | Item | Code | Item |
| 04 | Size | 025 | 2.5" | 04 | 4" | – | – | – | – |
| 3 | Thread size | 1 | 1/8" | 2 | 1/4" | 3 | 3/8" | 4 | 1/2" |
| P | Thread type | P | BSPT | N | NPT | F | PF | O | Others |
| O | Liquid-filling | O | Dry | L | Glycerin | S | Silicone oil | N | Oil-free treatment |
| Custom | Pressure range | Gauge pressure – (0…0.6 to 1000bar, > 1000bar is available made-to-order) Negative pressure – (-1…0bar / -76…0cmHg) Compound pressure – (-1…0 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm2, MPa, inHg, mmHg, cmHg, etc…), single / dual scale | | | | | | | |
| /B | Other requests | /A | Third party notarized document | | | | | | |
| | | /B | Inspection report (issued by Re-Atlantis) | | | | | | |
| | | /C | Tag | | | | | | |
| | | /D | Customized dial face (scale, color, unit, etc.) | | | | | | |
| | | /E | Install a diaphragm | | | | | | |
| | | /F | Dampened movement | | | | | | |
| | | /G | Peak hold pointer | | | | | | |
| | | /H | Case material: SS316 | | | | | | |
| | | /I | External indicator (Red, green, yellow) | | | | | | |

Order example: MF-SUS - 04 - 3 - P - O - (0~100bar) - /B