



# Pressure Gauge Customization & OEM / ODM Capabilities

Custom dial · case · window · connection · filling · mounting — by MANOGAUGE

MANOGAUGE (Zhejiang Xinzhongxin Instrument Technology Co., Ltd.) is a National High-Tech pressure gauge manufacturer offering full **OEM / ODM customization** across our gauge families. Bring us your requirement or drawing — we tailor the gauge to your application, brand and market.

## What We Customize

- **Dial:** scale & units (bar/psi/kPa/MPa), range, colors, language, your **logo / private label**
- **Case:** radial or axial; painted steel / 304 / 316 stainless steel; dial sizes 40–150 mm
- **Window:** glass / safety (laminated) glass / polycarbonate
- **Connection:** G / PT / NPT 1/8–1/2, M10×1, M14×1.5, M20×1.5; back / bottom / lower-back / flange
- **Wetted parts:** brass / 316L / special alloys / diaphragm seal
- **Filling:** glycerine / silicone oil / antifreeze · **Movement, joints & packaging** customizable

## Customizable Gauge Types (in this document)

Stainless Steel Pressure Gauge

Oil / Liquid-Filled Pressure Gauge

Shock-Resistant (Seismic) Gauge

Digital Pressure Gauge

Capsule (Low-Pressure) Gauge

Capillary / Remote-Reading Gauge

Temperature-Pressure Gauge

Vacuum & Compound Gauge

Medical / Oxygen Pressure Gauge

General Pressure Gauge

Bimetal Thermometer

Mini Pressure Gauge

### About MANOGAUGE

National High-Tech pressure gauge manufacturer — stainless steel, liquid-filled, digital, diaphragm, capsule, capillary, tire, medical and explosion-proof gauges, with CE/PED/ATEX/FDA. OEM/ODM welcome. Contact: [www.manogauge.com](http://www.manogauge.com) | [sales@manogauge.com](mailto:sales@manogauge.com). Free to share or cite — please keep the source link to [www.manogauge.com](http://www.manogauge.com).

## Stainless Steel Pressure Gauge — Customization Options

### Customized Stainless Steel Pressure Gauge

Customize according to different product sizes and usage scenarios



Radial-Stainless Steel Case



Axial-Stainless Steel Case



Movement



Internal Joints and Pipes



#### Stainless Steel Pressure Gauge

Diameter: 40mm, 50mm, 63mm, 100mm, etc  
Accuracy: 1.0, 1.6  
Range: 0~1000kg/cm<sup>2</sup> psi, bar, kPa, mbar, etc as request  
Connector Material: Stainless steel  
Bourdon Tube material: 316L  
Window: Glass/Safety Glass/PC etc  
Connection Thread: G/PT/NPT 1/8 1/4 1/2, M10\*1, M14\*1.5, M20\*1.5 etc  
mounting type: back or bottom connection, lower back connection, flange



Dial



Glycerin, Silicone Oil, Antifreeze, etc.



External Connection

## Oil / Liquid-Filled Pressure Gauge — Customization Options

### CUSTOM LIQUID-FILLED PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



Shell



Movement



Dial



connector

#### VACUUM GAUGE

- Diameter: 40mm, 50mm, 60mm, 80mm, 100mm, etc
- Accuracy: 1.6, 2.5
- Range: 0~60kPa  
psi, bar, kPa, mbar, kg/cm<sup>2</sup> etc as request
- Connector Material: Stainless steel, Phosphorus bronze
- Bourdon Tube material: Phosphorus bronze
- Window: Glass/Safety Glass/PC etc
- Liquid: Glycerin Oil or Silicone Oil
- Connection Thread: G/PT/NPT 1/8 1/4 1/2, M10\*1, M14\*1.5, M20\*1.5
- mounting type: back or bottom connection

## Shock-Resistant (Seismic) Gauge — Customization Options

### CUSTOMIZATION OF GENERAL PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### GENERAL PRESSURE GAUGE

- Diameter: 40mm, 50mm etc
- Accuracy: 2.5
- Range: 0~270psi
- Connector Material: Copper alloy
- Bourdon Tube Material: Phosphorus bronze
- Case: Black steel/Plastic/Stainless steel
- Window: Glass/Safety glass/PC etc
- Connection Thread: G/PT/NPT 1/8 1/4, M10\*1 etc

## Digital Pressure Gauge — Customization Options

### CUSTOMIZATION OF DIGITAL PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### DIGITAL PRESSURE GAUGE

- Diameter: 40mm, 60mm
- Accuracy: 2.5
- Range: 0~14Bar, 0~14kg/cm² 0~200psi, 0~1400Kpa
- Connector Material: Copper Alloy
- Window: LCD
- Connection: M11\*1, G1/4 etc
- Mounting Type: Back or Bottom Connection

## Capsule (Low-Pressure) Gauge — Customization Options

### CUSTOMIZATION OF CAPSULE PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### CAPSULE PRESSURE GAUGE

- Diameter: 60mm, 80mm, 150mm etc
- Accuracy: 1.6, 2.5
- Range: 0~60kpa  
Kpa, mmH2O, mbar as request
- Connector Material: Stainless Steel, Phosphorus Bronze
- Capsule Material: Phosphorus Bronze, Beryllium Copper, 316L
- Window: Glass/Safety Glass/PC etc
- Mounting Thread: G/PT/NPT 1/8 1/4 1/2, M10\*1, M14\*1.5, M20\*1.5 etc

## Capillary / Remote-Reading Gauge — Customization Options

### CUSTOMIZATION OF CAPILLARY PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### CAPILLARY PRESSURE GAUGE

- Diameter: 40mm
- Accuracy: 2.5
- Range: 0-6Bar
- Connector Material: Copper Alloy
- Bourdon Tube Material: Phosphorus Bronze
- Window: PC
- Connection: To Order

## Temperature-Pressure Gauge — Customization Options

### CUSTOMIZATION OF THERMO-MANOMETER

Customize according to different product sizes and usage scenarios



#### THERMO-MANOMETER

- Diameter: 80mm
- Accuracy: 1.6, 2.5
- Measuring Range: 0~bar/0~120°C, 0~6bar/0~120°C, 0~10bar/0~120°C, 0~16bar/0~120°C
- Joint Material: Copper Alloy
- Case: Black Steel and Chrome Bezel
- Sensor Mechanism: Bimetallic Coil, Copper Alloy Bourdon Tube
- Instrument Window: Glass/Safety Glass/PC, Etc.
- Connection Thread: G 1/2"
- Mounting Type: Radial Or Axial

## Vacuum & Compound Gauge — Customization Options

### CUSTOM VACUUM PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### VACUUM GAUGE

- Diameter: 40mm, 50mm, 60mm, 80mm, 100mm, etc
- Accuracy: 1.6, 2.5
- Range: -760mmHg~0
- Connector Material: Copper Alloy
- Bourdon Tube Material: Phosphorus bronze
- Window: Glass/Safety Glass/ PC etc
- Connection Thread: G/PT/NPT 1/8 1/4 1/2, M10\*1, M14\*1.5, M20\*1.5 etc
- mounting type: back or bottom connection

## Medical / Oxygen Pressure Gauge — Customization Options

### CUSTOMIZATION OF GENERAL PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### GENERAL PRESSURE GAUGE

- Type: For balloon pressure pumps, for sterilizers, etc
- Diameter: 40mm, 50mm, 60mm, etc as request
- Accuracy: 1.6, 2.5
- Case: ABS, Black Steel, SS304
- Window: AS, PC, etc
- Connection Type: Axial, Radial
- Thread: M10\*1, NPT1/8, etc as request
- Features: Fully environmentally friendly and sterile manufacturing

## General Pressure Gauge — Customization Options

### CUSTOMIZATION OF GENERAL PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### GENERAL PRESSURE GAUGE

- Diameter: 40mm, 50mm, 60mm, 70mm, 80mm
- Accuracy: 1.6, 2.5
- Range: 0~18 Bar
- Connector Material: Copper alloy
- Bourdon Tube Material: Phosphorus bronze
- Window: Glass/Safety Glass/PC etc
- Connection Thread: G/PT/NPT 1/8 1/4, M10\*1, etc
- mounting type: back or bottom connection
- case material: black steel, plastic, plating

## Bimetal Thermometer — Customization Options

### CUSTOMIZATION OF TEMPERATURE GAUGE

Customize according to different product sizes and usage scenarios



#### TEMPERATURE GAUGE

- Diameter: 40mm, 60mm, 80mm, etc.
- Accuracy: 2.5
- Measuring Range: 0~120°C
- Joint Material: Copper Alloy or Stainless Steel
- Instrument Window: Glass/Safety Glass/PC, etc.
- Principle: Temperature Sensor
- Mounting Type: Axial or Radial

## Mini Pressure Gauge — Customization Options

### CUSTOM MINI PRESSURE GAUGE

Customize according to different product sizes and usage scenarios



#### MINI PRESSURE GAUGE

- Diameter: 32mm
- Accuracy: 2.5
- Range: 0~250kg/cm
- Connector Material: Copper Alloy
- Bourdon Tube Material: Phosphorus Bronze
- Window: Glass/Safety Glass/PC etc
- Connection Thread: G/PT/NPT 1/8 1/4 1/2, M10\*1, M14\*1.5, M20\*1.5 etc

# Manogauge

## Get a Custom Quote in 24 Hours

Send medium, pressure range, temperature, connection, material and quantity.  
Engineers will confirm a suitable pressure gauge configuration before quotation.

RFQ: <https://www.manogauge.com/rfq?source=pdf-final-page>

WhatsApp: +86 133 9576 9655

Email: [sales@manogauge.com](mailto:sales@manogauge.com)

[Request Pressure Gauge Support](#)