

ATLANTIS®

RE-ATLANTIS INTERPRISE CO., LTD

MECHANICAL PRESSURE GAUGE AND GAUGE WITH SWITCH CONTACT CATALOG



ATLANTIS®

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(If there is any change on specification, please take the latest version as standard.)

Ver.3.0



SFPC

Solid Front Pressure Gauge
(Phenolic Resin Type)

Application: Suitable for hazardous, high vibration frequency, and high pressure fluctuation environment.

Model: SFPC

Size: 4.5"

Pressure range: -1 ... 0 to 20 bar ;
0 ... 0.6 to 1600 bar

Measuring elements: SS304

Accuracy: 1.0%

Thread material: SS304

Window: Safety glass / Acrylic

Case: phenolic resin



MP-SC

Stainless Steel Case
Micro Pressure Gauge

Application: Suitable for micro pressure measurement.

Model: MP-SC

Size: 2", 2.5", 3", 4", 6"

Pressure range: 0...300 to 6000 mmAq ;
-6000...0 mmAq ; ± 150 to ± 3000 mmAq

Measuring elements: Copper alloy

Accuracy: 3.0% / 2.0%

Thread material: Copper alloy

Window: PC / Glass / safety glass



MP-SUS

All Stainless Steel Micro
Pressure Gauge

Application: Higher accuracy and protection level than general gauges, which specially design for measuring the micro pressure of corrosive media.

Model: MP-SUS

Size: 4", 6"

Pressure range: 0...160 to 6000 mmAq /
-6000...0 mmAq / ± 80 to ± 3000 mmAq

Measuring elements: SS316

Accuracy: 3.0% / 1.6%

Pressure connection: SS316

Window: Glass / Safety glass



HPPG-SUS

All Stainless Steel High Pressure Gauge

Application: Suitable for ultra-high pressure measurement, high vibration frequency and high pressure fluctuation environments.

Model: HPPG-SUS

Size: 4", 6"

Pressure range: 0 ... 400 to 4000 bar

Measuring elements: SS316

Accuracy: 1%

Thread material: SS316

Window: Safety glass



SF-SC

Stainless Steel Case Safety
Pattern Pressure Gauge

Application: Suitable for high vibration frequency and high pressure fluctuation environments.

Model: SF-SC

Size: 4", 6"

Pressure range: 0...1 to 350 bar / -1...0 bar / -1...0 to 20 bar

Measuring elements: Copper alloy

Accuracy: 3.0%

Thread material: Copper alloy

Window: Safety glass



SF-SUS

All Stainless Steel Safe Pattern Pressure Gauge
(with Blow-Out Back)

Application: Suitable for corrosive, high vibration frequency and high pressure fluctuation environments.

Model: SF-SUS

Size: 4", 6"

Pressure range: 0...0.6 to 1000 bar ; -1...0 bar ; -1...0 to 20 bar

Measuring elements: SS316

Accuracy: 1.0%

Thread material: SS316

Window: Safety glass



SFBO-SUS

All Stainless Steel Safety Pressure Gauge
(with Blow-Out Back Plate)

Application: The blow-out back plate will eject once pressure over rating value. Suitable for strictly monitor overpressure requirement.

Model: SFBO-SUS

Size: 4", 6"

Pressure range: 0...0.6 to 1000 bar / -1...0 bar / -1...0 to 20 bar

Measuring elements: SS304 / Monel 400

Accuracy: 1.0%

Thread material: SS304

Window: Safety glass



SP-EPG

Black Steel Case Shockproof Dry
Pressure Gauge

Application: It adopts diaphragm pressure sensors and shockproof pointer. Features shockproof, anti-vibration and anti-surge pressure without oil-filling.

Model: SP-EPG

Size: 1.5", 2", 2.5", 3.5"

Pressure range: 0...1 to 28 bar / -1...0 to 20 bar / -1...0 bar / -76...0 cmHg

Measuring elements: Diaphragm

Accuracy: 2.5% / 1.6% / 1.0%

Thread material: Copper alloy

Window: PC / glass / Acrylic



SP-SC

Stainless Steel Case
Shockproof Pressure Gauge

Application: Uses stainless steel dampened movement with excellent shockproof effect, Applicable for vibration but non-oil environment.

Model: SP-SC

Size: 4", 6"

Pressure range: 0...1 to 350 bar
-1...0 to 20 bar / -1...0 bar / -76...0 cmHg

Measuring elements: Copper alloy

Accuracy: 2.5% / 1.6% / 1.0%

Thread material: Copper alloy

Window: Tempered glass / Safety glass



ZSC-4.5

4.5 / 5" Stainless Steel Case Pressure Gauge
With Zero Adjustment

Application: Adjustment is suitable for general engineering or other application that required field pointer calibration.

Model: ZSC-4.5

Size: 4.5"

Pressure range: 0 ...2 to 28 bar

Measuring elements: Copper alloy

Accuracy: 2.5% / 1.6%

Thread material: Copper alloy

Window: PC



F-SC

Stainless Steel Case Refrigeration Gauge

Application: Suitable for pressure measurement in refrigeration systems, such as air condition, refrigerant filling machine, etc.

Model: F-SC

Size: 2.5"

Pressure range: -76cmHg...0... 250 to 500 psi /
0...500 to 800 psi

Measuring elements: Bronze (high pressure) /
Phosphor bronze (low pressure)

Accuracy: 2.5%

Thread material: Copper alloy

Applicable refrigerant: R12 / R22 / R502 / R404A
/ R410A / R507 / R134a



TMG-SUS

All Stainless Steel Thermo-manometer

Application: For boilers and water purification. Combined measurement for both pressure and temperature, reducing space and cost.

Model: TMG-SUS

Size: 2.5"

Pressure range: 0 ...1 to 16 bar

Temperature range: -50 ... 160°C

Measuring elements: SS304

Accuracy: 1.6% (pressure) / 1°C (temperature)

Thread material: SS304

Window: Glass

Stem length: 25mm

Protection level: IP65



ABS

Plastic Case Pressure Gauge

Application: Suitable in medical, vacuum, environmental engineering, HVAC and filtration system.

Model: ABS

Size: 1.5", 2", 2.5", 3", 4"

Pressure range: -1 ... to 20 bar /

0 ... 1 to 350 bar / -1...0bar / -76...0cmHg

Measuring elements: SS304 / Copper alloy

Accuracy: 3.0% / 2.5% / 1.6%

Thread material: SS304 / Copper alloy

Window: PC



SBG

Mini Pressure Gauge (Bourdon Tube Type)

Application: Pressure sensor adopts Bourdon tube ensuring better performance and service life than other mini gauges.

Model: SBG

Size: 1"(25mm) / 1"(25mm, hex case) / 1.1"(28mm) / 1.26"(32mm)

Pressure range: 0...2 to 28kg/cm²

Measuring elements: Copper alloy

Accuracy: 4.0% / 3.0%

Thread material: Copper alloy / Chrome-plated copper

Window: Glass



PHPG

Pressure Gauge with Peak Hold Pointer

Application: Peak hold pointer can record peak pressure value. With manually reset to zero function.

Model: PHPG

Size: 2.5", 4"

Pressure range: -1 ... to 20 bar /

0 ... 1 to 1000 bar / -1...0 bar

Measuring elements: Copper / Stainless steel

Accuracy: 1.6% / 1.0%

Thread material: Copper / Stainless steel

Window: PC / Glass



PR

Pressure recorder

Application: Single and dual pen circular pressure record.

Model: PR

Size: 8", 10", 12"

Pressure range: 0 ... 5 to 20 kg/cm²

Measuring elements: Copper alloy / Stainless steel

Accuracy: 1.5%

Thread material: SS304 / Copper alloy

Capillary: SS304

Window: Tempered glass

Recording period: 12 hours / 24 hours, 7 days/cycle



TPG-SUS

All Stainless Steel Precision
Test Pressure Gauge

Application: Suitable for calibration pumps or manifolds in testing laboratories and high accuracy required environments.

Model: TPG-SUS

Size: 6", 8"

Pressure range: -1 ... 0 to 20 bar /
0 ... 0.6 to 1000 bar / -1...0 bar

Measuring elements: SS304 /
50 chromium-vanadium steel

Accuracy: 0.4% / 0.25% / 0.16%

Thread material: SS304

Window: PC



LS-SUS

All Stainless Steel
Large Size Pressure Gauge

Application: Suitable for larger machine (such as boiler) which has remote distance from observer.

Model: LS-SUS

Size: 8", 10"

Pressure range: -1 ... 0 to 20 bar / -1...0 bar /
0 ... 0.6 to 1000 bar

Measuring elements: SS304

Accuracy: 1.0% / 0.5%

Thread material: SS304

Window: PC



HCPG

High Purity Pressure
Gauge

Application: Pure gas pressure measurement.
Suitable in semi-conductor and pharmaceutical
industry.

Model: HCPG

Size: 1.5", 2"

Pressure range: 0 to 350 bar / -1...0 to 24 bar

Measuring elements: SS316 / SS316L / SS316Ti

Accuracy: 2.5% / 1.5%

Thread material: SS316

Window: PC



EPG

Black Steel Case Pressure Gauge

Application: With multiple choices of size and
installation type, applicable for measuring
noncorrosive media that compatible with copper alloy.

Model: EPG

Size: 1.5", 2", 2.5", 3", 4", 6"

Pressure range: 0...0.6 to 350 bar / -1...0 to 20 bar /
-1...0 bar / -76...0 cmHg

Measuring elements: Copper alloy

Accuracy: 3.0% / 2.5% / 1.6%

Thread material: Copper alloy

Window: PC / Glass



SUS

All Stainless Steel
Pressure Gauge

Application: Suitable for corrosive and normal environments. Shockproof movement available.

Model: SUS

Size: 1.5", 2", 2.5", 3", 4", 6", 8", 10"

Pressure range: 0...0.6 to 1000 bar /
-1...0 to 20 bar / -1...0 bar / -76...0 cmHg

Measuring elements: Stainless steel

Accuracy: 2.0% / 1.5% / 1.0%

Thread material: SS316

Window: PC / Glass



SC

Stainless Steel Case
Pressure Gauge

Application: Particularly used in hydraulics, compressors, general mechanical engineering, pumps, water treatment plants

Model: SC

Size: 1.5", 2", 2.5", 3", 4", 6"

Pressure range: 0...0.6 to 1000 bar /
-1...0 to 20 bar / -1...0 bar / -76...0 cmHg

Measuring elements: Copper alloy

Accuracy: 2.0% / 1.5%

Thread material: Copper alloy

Window: PC / Glass



AM-SUS

All Stainless Steel Refrigeration
Ammonia Gauge

Application: Are specially designed for measuring liquid and gas that contain ammonia.

Model: AM-SUS

Size: 2.5", 3", 3.5", 4"

Pressure range: -30 inHg...0...150 psi to 300 psi

Measuring elements: SS316

Accuracy: 1.6% / 1.0%

Thread material: SS316

Welded connection

Window: PC / Tempered glass / Safety glass



MP-SUS-L

All Stainless Steel Micro Pressure Gauge
(Liquid-filling Type)

Application: Oil-filled micro pressure gauge with high protection level and accuracy. Suitable for micro pressure measurement. Applicable for corrosive media.

Model: MP-SUS-L

Size: 4", 6"

Pressure range: 0...300 to 6000 mmAq

Measuring elements: SS304

Accuracy: 3.0% / 2.0%

Thread material: SS304

Window: PC / Acrylic / Safety glass



SPG-SUS

All Stainless Steel
Steam Pressure Gauge

Application: Is suitable for measuring the steam pressure in the boiler or water tank, can accurately measure the boiler or tank vapor pressure value.

Model: SPG-SUS

Size: 4"

Pressure range: -1...0 to 1000 bar

Measuring elements: SS316L

Accuracy: 1.6%

Thread material: SS316

Window: Glass



HCP-EPG

High Cost-Effective Plating
Pressure Gauge (Diaphragm Type)

Application: Adopts heat treatment stainless steel diaphragm, Which can measure high pressure and ensure its service life and performance.

Model: HCP-EPG

Size: 2", 2.5", 3.5", 4.5"

Pressure range: 0~30 inHg~400 psi

Measuring elements: Copper alloy

Accuracy: 3%-2%-3%

Thread material: Copper alloy

Window: Glass / Acrylic



CVT

Can Vacuum Tester

Application: Specially designed for testing can vacuum.

Model: CVT

Size: 2.5"

Pressure range: -76...0 cmHg

Measuring elements: Copper alloy

Accuracy: 2.0%

Thread material: Copper alloy

Window: PC



SF-0.5AC

Aluminum Case Solid Front
Pressure Gauge

Application: SAdopts aluminum case with stainless steel measuring system. The solid front design is reinforced at the front, providing a blow-out back safety case design.

Model: SF-0.5AC

Size: 4.5", 6"

Pressure range: 0...0.6 to 1400 bar / -1...0bar / -1...0 to 20bar

Measuring elements: SS304

Accuracy: 0.5%

Thread material: SS304

Window: PC / Glass



MDB

All Stainless Steel Differential Pressure Gauge
(Double Bourdon Tubes Type)

Application: Suitable for differential pressure measurement in heater, ventilation and air conditioning system.

Model: MDB

Size: 4", 6"

Pressure range: 0...1 to 60 bar

Measuring elements: SS304

Accuracy: 2.5% / 1.6%

Thread material: SS304

Window: PC / Acrylic / Safety glass



MDD

All Stainless Steel Differential Pressure Gauge
(Diaphragm Type)

Application: Suitable for differential pressure measurement that single side pressure is less than 400bar.

Model: MDD

Size: 4", 6"

Pressure range: 0...0.1 to 25 bar

Measuring elements: SS316

Accuracy: 2.5% / 1.6%

Thread material: SS316 / SS304

Window: General glass / Safety glass

Maximum static pressure: 400bar



MDX

All Stainless Steel Differential Pressure Gauge
(Bellow type)

Application: Is suitable for measuring the differential pressure of liquid, gas and steam from same or different pressure source.

Model: MDX

Size: 4", 6"

Pressure range: 0...0.1 to 50bar

Measuring elements: SS316

Accuracy: 3.0% / 2.0%

Thread material: SS316

Window: PC / Safety glass / Tempered glass

Maximum static pressure: 200bar



MDI-SDDB

All Stainless Steel Differential Pressure Gauge
(Single Diaphragm, Dual Bellows Type)

Application: Suitable for same or different pressure sources measurement in non-crystallized and nonsolidified liquid, gas and steam that compatible with connection's material.

Model: MDI-SDDB

Size: 4", 6"

Pressure range: 0 ... 50 to 5000 kPa

Measuring elements: SS316

Accuracy: 2.5% / 1.6%

Thread material: SS304 / SS316

Window: PC / Glass

Maximum static pressure: 40bar



MDB-DPDB-SC

Stainless Steel Case Differential Pressure Gauge (Dual Pointers & Bourdon Tubes Type)

Application: Suitable for differential pressure measurement that single side pressure is less than 1.3*full scale.

Model: MDB-DPDB-SC

Size: 4", 6"

Pressure range: 0 ... 6 to 600 bar

Measuring elements: Copper alloy

Accuracy: 1.6%

Thread material: Copper alloy

Window: PC / Glass

Maximum static pressure: 0.75* full scale



MDH-90EXC

Differential Pressure Gauge (Magnetic Piston Type)

Application: Suitable for measuring the differential pressure of fluid which contains non-magnetic particles such as filter, pump, piping and cooling system.

Model: MDH-90EXC

Size: 2.5", 3", 4", 4.5", 6"

Pressure range: 0...9 to 100 psi

Measuring elements: Magnetic piston / Diaphragm

Accuracy: 3.0% / 2.0%

Thread material: SS316

Window: Safety glass

Maximum static pressure: 400 bar



LDPG-LTHP

Low Temperature Level Differential Pressure Gauge

Application: Is generally used in low temperature equipment, filter equipment monitoring, pump monitoring, closed pressure storage tanks and other places in the refrigeration industry.

Model: LDPG-LTHP

Size: 150mm, 101mm

Pressure range: 0 ... 10 to 100 kPa

Measuring elements: NBR / SS316 / 65Mn

Accuracy: 2.5% / 1.6%

Thread material: Copper alloy

Window: Glass

Maximum static pressure: 5 MPa



SF6-DS

All Stainless Steel Gas Density Monitor

Application: To continually monitor fluid density.

Model: SF6-DS

Size: 4"

Pressure range: -1 to 6 ...9 bar

Measuring elements: SS316

Accuracy: 2.5% / 1.5%

Thread material: SS316

Window: Safety glass

Max. voltage: 380 VAC & 220 VDC

Protection level: IP65

Leak rate: $\leq 1 \times 10^{-5}$ (mbar/s)



ECI-LP

Explosion-proof Micro Pressure Gauge with
Switch Contact (Inductive Switch Type)

Application: Inductive contact ensures there is no spark generated when measuring pressure to prevent pressure switch from explosion.

Model: ECI-LP

Size: 4", 6"

Pressure range: 0...400 to 10000 mmH₂O /
-1...0 to 10000 mmH₂O / -1...0bar / -76...0 cmHg

Measuring elements: SS316

Accuracy: 2.5% / 1.6% / 1.0%

Thread material: SS316

Window: Safety glass

Max operating voltage: 380VAC / 220VDC

Explosion-proof level: Exib II CT6