

ATLANTIS®

RE-ATLANTIS INTERPRISE CO., LTD

DIGITAL PRESSURE GAUGE, DIGITAL PRESSURE GAUGE WITH SWITCH CONTACT CATALOG



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

Ver.3.0



DMPG-A2.5

2.5" Digital Micro Pressure Gauge

Application: Suitable for micro pressure measurement, accuracy can up to 0.5%.

Model: DMPG-A2.5

Size: 2.5"

Pressure range: -300 ... +300mmWC / -5000...+5000 mmWC

Pressure unit: psi, mbar, mmWC, inWC

Display screen: 33 x 15 mm; 4-digit LCD, yellow backlight

Resolution: 0.001

Accuracy: 1.0%(0~50°C) / 0.5%(@22±3°C)

Power supply: 3V battery

Protection level: NEMA 4X /IP64



DPG-3.0

Digital Pressure Gauge (General Type)

Application: Aluminum alloy case with compact structure design. Qualified vibration and impact test make it suitable for hazardous and humid environments.

Model: DPG-3.0

Size: 3"

Pressure range: 0...5 to 5000 psi

Pressure units: psi, bar, kg/cm², inHg, mmHg, mbar

Display screen: 30 x 14.5 mm; 4-digit LCD; yellow backlight

Resolution: 0.001

Accuracy: 0.5% (0~50°C) / 0.25% (@22°C)

Power supply: 9V battery / 24V external power supply



DPG-A60 Series

Mini Air Digital Pressure Gauge

Application: Pressure gauge, it suitable in small size, simple and low cost demands.

Model: DPG-A60 Series

Size: 1.2"(30mm)

Pressure range: -0 to 10 bar / -101 to 0 kPa

Pressure unit: psi, bar, kg/cm², MPa, psi, bar, mmHg, kPa

Display screen: 25 x 15 mm; 3.5-digit LCD display Yellow backlight

Resolution: 0.001

Accuracy: 2% (0 to 50°C)

Power supply: CR 2032 lithium battery

Protection level: IP65



DPG-S2.5

Digital Pressure Gauge

Application: Suitable in indoor environment, with 0.5% accuracy and 600bar max.

Model: DPG-S2.5

Size: 2.5"

Pressure range: 0...1 to 600 bar

Pressure unit: psi, mH₂O, mmHg, mbar, kPa, psi, bar, kg/cm², MPa, atm

Display screen: 46 x 15 mm; 4-digit LCD with backlight

Resolution: 0.001

Accuracy: 0.5%

Power supply: 1.5V battery x2 / 5~12VDC external power supply



DPG-KS4.0

Digital Pressure Gauge

Application: Housing adopts SS304 makes it suitable in corrosive environment, various accuracy options are available.

Model: DPG-KS4.0

Dimension: 4"

Pressure range: 0...1 to 1000 bar

Pressure unit: kg/cm², bar, MPa, Pa, mmH₂O, kPa, psi, mH₂O

Display screen: 65 x 37mm; 6-digit LCD display

Resolution: 0.0001

Accuracy: 0.5% / 0.2%

Power supply: AA batteries x 2 / 3.6V lithium battery



DPG-H3.5

Digital Precision Pressure Gauge

Application: A calibrator that specially apply to calibrate other pressure instruments.

Model: DPG-H3.5

Size: 3.5"

Pressure range: 0.4 bar to 2500 bar

Pressure units: kPa, MPa, Pa, psi, kgf/cm², bar, mbar, mmH₂O, mmHg

Display screen: 5-digit LCD with backlight

Resolution: 0.0001

Accuracy: 0.5% / 0.2% / 0.1% / 0.05%

Power supply: 3.6V Lithium battery / DC 8.5V (1.5A) Input



AT803

Digital Precision Pressure Gauge

Application: Application: Apply to calibrate other pressure instruments, adjustable refresh rate and various pressure units.

Model: AT803

Size: 3.5"

Pressure range: -100 to 0 to 250 kPa / ±100kPa / 0 ... 250 MPa

Pressure unit: mmH₂O, mmHg, kgf, kPa, MPa, psi, bar, mbar

Display screen: 58 x 29 mm; 5&6-digit LCD; blue backlight

Resolution: 0.0001

Accuracy: 0.2% / 0.1% / 0.05% / 0.02%

Power supply: AA batteries x3 / DC 9V (2A)



AT805A

Digital Precision Pressure Gauge
(Economic Type)

Application: A calibrator that specially apply to calibrate other pressure instruments, adjustable refresh rates and selectable pressure units features.

Model: AT805A

Size: 4.3"

Pressure range: 760 mmHg...0 : 0...160 mbar to 2500 bar

Pressure unit: mmH₂O, mmHg, inH₂O, Pa, kPa, MPa, psi, bar, mbar

Display screen: 58 x 29 mm, 4-digit with backlight

Resolution: 0.0001

Accuracy: 0.5%, 0.2%, 0.1%

Power supply: 3.6V lithium battery



DPG-H4.5RS

Digital Precision Pressure Gauge

Application: A calibrator that specially apply to calibrate other pressure instruments.

Model: DPG-H4.5RS

Size: 4.5"

Pressure range: -1...0...0.4 to 2500 bar

Pressure units: Pa, kPa, MPa, psi, bar, mbar, kgf/cm², mmH₂O, mmHg

Display screen: 66 x 47mm; 6-digit LCD with blue backlight

Resolution: 0.0001

Accuracy: 0.1%, 0.05%, 0.025%

Power supply: Rechargeable lithium battery
Include DC 8.4V charger



AT211H

Digital Precision Pressure Gauge

Application: A calibrator that specially apply to calibrate other pressure instruments.

Model: AT211H

Size: 4.4"

Pressure range: -100...0...16 kPa to 250 MPa,
±250 Pa to ±60 kPa, -0.1 to 2.5 MPa

Pressure unit: Pa, kPa, MPa, psi, bar, mbar, kgf/cm², inH₂O, mmH₂O, inHg, mmHg

Display screen: 67x33 mm; 5-digit LCD; blue backlight LED

Resolution: 0.0001

Accuracy: 0.2%, 0.1%, 0.05%, 0.02%

Power supply: 9V Alkaline battery / AC adaptor
Protection level: IP64



AT211SH

Digital Precision Pressure Gauge

Application: A calibrator that specially apply to calibrate other pressure instruments.

Model: AT211SH

Size: 4.7"

Pressure range: -1 bar to 2500 bar

Pressure units: Pa, kPa, MPa, mmHg, kgf/cm², cmH₂O, mmH₂O, psi, mbar, bar

Display screen: 6 digits LCD display with backlight

Resolution: 0.00001

Accuracy: 0.2%, 0.1%, 0.05%, 0.02%

Power supply: Rechargeable lithium battery / Adaptor

Explosion-proof: Exia II CT4Ga



DPG-806XB

Digital Pressure Gauge

Application: Adopts diffused silicon as measuring element, features wide pressure range and highest , it is suitable for hydraulic, oil, and air pressure measurement.

Model: DPG-806XB

Size: 2.5", 3", 4"

Pressure range: -100...0...10 kPa to 5 MPa,
±100 kPa, 0 to 100 MPa

Pressure units: MPa, kg/cm², kPa, psi, bar, mH₂O, mmHg

Display screen: LCD 5-digit screen display with white backlight

Power supply: Lithium battery / 3A battery

Accuracy: 1.0%, 0.5%, 0.2%, 0.1%



DPG-Q2.5

Ø60 Digital Pressure Gauge

Application: Housing adopts SS304 makes it suitable in corrosive environment. Back mount and bottom mount type for easy installation.

Model: DPG-Q2.5

Size: 2.5"

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

Pressure unit: psi, bar, kPa, kg/cm², MPa

Display screen: 40 x 18 mm;

4-digit LCD with backlight

Resolution: 0.001

Accuracy: 0.5%, 0.2%

Power supply: 3.6V lithium battery



DPG-CW0.1

Digital Precision Pressure Gauge

Application: Is specially design for high precision pressure measurement such as pressure gauge calibration.

Model: DPG-CW0.1

Size: 4"

Pressure range: -1 to 2500 bar

Pressure unit: Pa, kPa, MPa, psi, bar, mbar, mmH₂O, mmHg, inH₂O, inHg

Display screen: 67 x 36mm; 5-digit LCD display

Resolution: 0.0001

Accuracy: 0.4%, 0.2%, 0.1%

Power supply: 3.6V Lithium battery



DPG-2.5

Digital Pressure Gauge
(General Type)

Application: It adopts latest temperature compensation technology to ensure $\pm 1.0\%$ F.S. accuracy within 0~5000 psi pressure measurement.

Model: DPG-2.5

Size: 2.5"

Pressure range: 0 to 5000 psi

Pressure unit: psi, bar, kg/cm², MPa

Display screen: 31.5 x 16.5 mm;

4-digit LCD display with backlight function

Resolution: 0.001

Accuracy: 1.0%, 0.5%

Power supply: CR123A battery (3.0 V, 1400 mAh)



AT803-D

Digital Precision Differential Pressure Gauge

Application: Which is suitable for high precision micro differential pressure measurement such as on-site and laboratory pressure measurement and calibration.

Model: AT803-D

Size: 3.5"

Pressure range: 60 Pa to 10 kPa

Pressure unit: mmH₂O, mmHg, inH₂O, Pa, kPa, mbar

Display screen: 58 x 29mm; 5-digit LCD / 6-digit LCD

White backlight

Resolution: 0.0001

Accuracy: 1.6%, 0.5%, 0.1%, 0.05%

Power supply: 3.6V lithium battery / AA batteries x3 /
Input DC 9V (2A) adapter



DPG-0.5B2.5 (4.5CD)

Economical Digital Pressure Gauge

Application: Is lightweight, low power consumption, and complete basic functions, which is suitable for general pressure measurement needs.

Model: DPG-0.5B2.5 (4.5CD)

Size: 3"

Pressure range: 0...200 kPa to 35 MPa;

-30 to 0 inHg

Pressure unit: psi, inHg, oz/in², MPa, inWC, ftWC, kg/cm², kPa, bar

Display screen: 46 x 23 mm; 4.5-digit LCD display

Accuracy: 0.5%

Power supply: AAA battery x2



DPG-A2.5

2.5" Digital Air Pressure Gauge

Application: Is designed for air pressure measurement, suitable for general industrial application.

Model: DPG-A2.5

Size: 2.5"

Pressure range: 0 ~ 150 psi

Pressure unit: psi, bar, MPa, kg/cm²

Display screen: 33 x 17mm; 4-digit LCD display with backlight function

Resolution: 0.001

Accuracy: 1.0%

Power supply: CR123A battery (3.0 V, 1400 mAh)



DPS-1.0

Digital Air Pressure Switch

Application: Two sets switch output, four switching modes are available for custom pressure and temperature activate point.

Model: DPS-1.0

Size: 1"

Pressure range: 0...1 to 250bar

Pressure units: psi, bar, kg/cm², MPa,

Display screen: 19 x 8mm; 4-digit LCD with backlight

Resolution: 0.001

Accuracy: 1.0%

Switch alarm output: NPN / PNP



DPG-KX4.0

Digital Pressure Gauge

Application: It features high accuracy, corrosion resistance, impact resistance, anti-vibration, minimum temperature drift and steady performance.

Model: DPG-KX4.0

Size: 4"

Pressure range: -0.1~100 MPa

Pressure units: Kgf/cm², MPa, psi, bar, kPa, mH2O, mmH2O, inWC

Display screen: 65 x 37mm; 5-digit LCD display

Accuracy: 0.4%, 0.2%

Power supply: 1.5V battery*3



FDPG-4-S1

Digital Manifold Gauge (Dual Gauge Type)

Application: It is suitable for measuring the pressure and temperature of non-corrosive refrigerant, liquid and alcohol, been widely used in the assembly and maintenance of the vacuum refrigeration system.

Model: FDPG-4-S1

Size: 3.0"

Pressure range: 0...725 psi; -29.5...0 inHg

Pressure unit: psi, bar, kPa, MPa, kg/cm², °C, °F

Display screen: 43 x 24mm; 4-digit with backlight LCD

Resolution: 0.02

Accuracy: ±2psi / ±0.2bar / ±20kPa / ±0.02MPa / ±0.2kg/cm² / ±1inHg

Power supply: 9V LR battery x 1



FDPG-2013

Multi-functional Digital Manifold Gauge Set

Application: Refrigeration gauge has high accuracy, wide measuring range and complete performance. It can completely replace the traditional pointer type refrigeration gauge.

Model: FDPG-2013

Dimension: 190 x 140 x 80mm

Pressure range: 0...725 psi (0...50 bar);

0...435 psi (0...30 bar); 29.92 inHg...0 inHg

Pressure unit: inHg, bar, psi, kPa, Micron, kPa, °C, °F

Screen display: 71 x 43 mm; 4-digit with backlight LCD

Applicable refrigerant type: CFC / HCFC / HFC

Accuracy: 0.5%

Power supply: AA 1.5V battery x5



FDPG-1

Multifunctional Digital Refrigeration Gauge Set

Application: Is suitable for non-corrosive refrigerant, liquid and alcohol pressure and temperature measurement, which has been widely applied in the assembly and maintenance operation of vacuum refrigeration system.

Model: FDPG-1

Dimension: 210 x 130 x 75mm

Pressure range: 0...725 psi (0~50 bar)

Pressure unit: psi, bar, MPa, kPa, °C, °F

Display screen: 68 x 42mm; LCD screen with backlight

Resolution: 0.01

Accuracy: 0.75%

Power supply: 1.5V AA batteries x4 / Mignon / LR6 dry battery / rechargeable lithium battery



FDPG-2.5

Digital Refrigeration Gauge

Application: Can simultaneously display pressure and saturation temperature on LCD screen, Is suitable in pressure and temperature measurement for noncorrosive refrigeration, liquid and alcohols.

Model: FDPG-2.5

Dimension: 2.5"

Pressure range: -14.5 ~ 800 psi

Pressure unit: psi, bar, MPa, kg/cm², kPa, °C, °F

Display screen: 4.5 digits LCD with backlight

Resolution: 0.001

Accuracy: 0.5%

Power supply: CR123A battery x1 (3.0V, 1400mAh)



DPS-3.0MD

Digital Pressure Switch

Application: One set switch output, hysteresis mode, progressive activated.

Model: DPS-3.0MD

Size: 3"

Pressure range: -0...5 to 5000 psi

Pressure unit: MPa, bar, kg/cm², psi, MPa, inHg, mmHg, mbar

Display screen: 30 x 14.5mm; 4-digit LCD Yellow backlight

Resolution: 0.001

Accuracy: 0.5% / 0.25%

Analog output: 4~20mA; Switch output: NPN / PNP

Power supply: DC 8-28V



DPS-K3.0

Digital LCD Pressure Switch

Application: One set switch output, in-built relay

Model: DPS-K3.0

Size: 3"

Pressure range: -0.1 MPa to 100 MPa

Pressure units: MPa, kg/cm², psi

Display screen: 40 x 17 mm ; 4-digit LED

Resolution: 0.001

Accuracy: 1.0%

Switch signal: Relay x1 / Relay x2

Power supply: DC 12/24V / AC 220V/380V



SDPS-4ED(0.5)

Digital Pressure Switch

Application: One set switch output, hysteresis mode, progressive activated.

Model: SDPS-4ED(0.5)

Size: 2.5" , 4"

Pressure range: 0 to 600 bar

Pressure unit: kPa, MPa, kg/cm², bar, psi

Display screen: 4-digit LED display

Accuracy: 0.5% / 0.25% / 0.1%

Analog output: Relayx4 / PNP / NPN

Analog signal output: 4-20mA / 1-5V / 0-5V / 0-10V

Power supply: 24VDC / 220VAC



DPS-2.5SPD3

Intelligent Pressure Switch

Application: Two sets switch output. Four switch modes

Model: DPS-2.5SPD3

Size: 2.5"

Pressure units: bar, kg/cm², kPa, MPa, psi, mmHg, inHg

Display screen: 35.5 x 18 mm; 5-digit LED display

Accuracy: 0.5%, 0.25%

Alarm output: NPN x2 / PNP x2 / Relay x2

Alarm output: 1~5V / 4-20mA

Protection level: IP65



DPS-L131

Digital Pressure Switch

Application: Can be applied to the extreme chemical environment, mechanical load and electromagnetic interference and other harsh industrial pressure measurement and control requirements.

Model: DPS-L131

Pressure range: 0...1 kPa to 40 MPa

Pressure units: kPa, MPa, bar, psi, mmHg, mmH₂O, mH₂O, inH₂O, ftH₂O, inHg, mHg, Torr, mbar, g/cm², kg/cm², Pa, atm, mm, m

Display screen: 23 x 13 mm ; 5-digit OLED screen

Accuracy: 0.1%

Switch output signal: NPN / PNP

Power supply: 12...30VDC



DPS-4ED(0.5)

LED Digital Pressure Switch

Application: It is suitable for pressure measurement, display, and control in power plants, water, petroleum, chemical industry, engineering and other industrial environments.

Model: DPS-4ED(0.5)

Pressure units: kPa, bar, psi

Display screen: 4-digit LED display

Accuracy: 0.5% / 0.25% / 0.1%

Alarm output: Relay x 2

Analog signal output: 4-20mA

Power supply: 24VDC / 220VAC



DMPT-301-5CD

Digital Micro Differential Pressure Transmitter

Application: Is mainly used in air micro pressure measurement, wind velocity/pressure measurement & control, leakage detection for HVAC, cleanroom, boiler or power plant field application.

Model: DMPT-301-5CD

Pressure range: 0...60 Pa to 200 kPa

Pressure units: psi, Pa, kPa, MPa, mbar, bar, mmHg, torr, atm, %, mm, cm, m, inH₂O, ftH₂O, inHg, g, kg/cm², mA, mmH₂O

Display screen: 5-digit LCD display with white backlight

Accuracy: 1.0% / 0.5% / 0.2%

Output signal: 4-20mA

Power supply: 12...45VDC



DMPT-300 Series

Differential Micro Pressure Transmitter

Application: Is mainly used in air micro pressure measurement, wind velocity/pressure measurement & control, leakage detection for HVAC, cleanroom, boiler or power plant field application.

Model: DMPT-300 Series

Pressure range: 0...60 Pa to 200 kPa

Pressure units: psi, Pa, kPa, MPa, mbar, bar, mmHg, torr, atm, %, in.H₂O, ft.H₂O, in.H₂O, g, kg/cm², mA, mmH₂O

Display screen: 4-digit LED display

Accuracy: 1.0% / 0.5% / 0.2%

Output signal: 4-20mA

Power supply: 12...36VDC



PST-MK484

Pressure Switch & Transmitter

Application: Also features high stability and reliability, it is suitable for measure and control of fluid pressure in electric power, drainage, and petrochemical industry.

Model: PST-MK484

Pressure range: -0.1 MPa...0~0.1 MPa...100 MPa

Screen display: 0.56"3.5-digit red LED display

Resolution: ± 1 digit

Output signal: 4-20mA / 0-10mA / 0-20mA / 1-5VDC / 0-5VDC / 0-10VDC

Power supply: 24VDC / 220VAC



DPST-MK484

Differential Pressure Switch & Transmitter

Application: Also features high stability and reliability, it is suitable for measure and control of fluid differential pressure in electric power, drainage, and petrochemical industry.

Model: DPST-MK484

Pressure range: 0 to 35 kPa...3.5 MPa

Display screen: 0.56"3.5-digit red LED display

Resolution: ± 1 digit

Alarm output: Relay x 2

Output signal: 4-20mA / 0-10mA / 0-20mA / 1-5VDC / 0-5VDC / 0-10VDC

Power supply: 24VDC / 220VAC



DPS-ED3.0

Digital Air Pressure Switch

Application: Which is suitable for industrial process control in the hydraulic, pneumatic, energy and water treatment system.

Model: DPS-ED3.0

Pressure range: -1...0 to 2500bar

Pressure units: bar, kPa, psi

Display screen: 4-digit LED display

Resolution: 0.001

Accuracy: 0.5% / 0.1% / 0.25%

Signal output: Analog output 4-20mA

Digital output RS485

Power supply: 12~36VDC