

Digital Pressure Gauge XY-PG210

Typical Feature

- 304 Stainless Steel shell, dial diameter 105mm
- 55X55mm LCD display pressure and ambient temperature data
- Accuracy level: Pressure 0.05%(optional); 0.1% Temperature 0.5°C
- Wield Absolute Pressure, Gauge Pressure and Vacuum Pressure
- Powered by 3 pcs AA Battery power, standby time 3600 Hours
- Record Maximum and Minimum pressure data
- 10 pressure multiunit switching
(MPa/KPa/PSI/BAR/Pa/MBar/mmHg/mH₂O/Torr/kgf/cm²)
- Strong media compatibility, water, oil, gas and other medium without corrosion for stainless steel



Brief Introduction









XY-PG210 is a high precision Digital Pressure Gauge and Temperature Gauge, which is built-in high accuracy pressure sensor. It dually displays real-time pressure and ambient temperature data at short response time, the typical characteristics are high accuracy and excellent long-term stability.

The Digital Pressure Gauge has a 55X55mm LCD with 5-Digits display. There are 6 buttons on the front panel to control Reset, backlit display, Power On/Off, Unit converting, low voltage alarm, peak value recording, etc.

It is easy to install in Pipeline, Isolation tank or others connect device, easy to set up operating parameter. Working condition is -5-40 oC, it should be cold once working condition temperature more than 40oC. It has 304 stainless steel and joint, can be used in measuring gas, liquid, oil and other medium without corrosion for stainless steel, at the same time its shock resistance is very good.

XY-PG210 digital pressure gauge is powered by 3 batteries (AA) or USB connector, with low power consumption and long duration. There are three pressure measurement types: Gauge Pressure, Vacuum Pressure and Absolute Pressure, machinal joint include Thread, Flush Diaphragm, Clamp, Flange, Radiator and Differential Two-way Fitting.

Suggested Applications

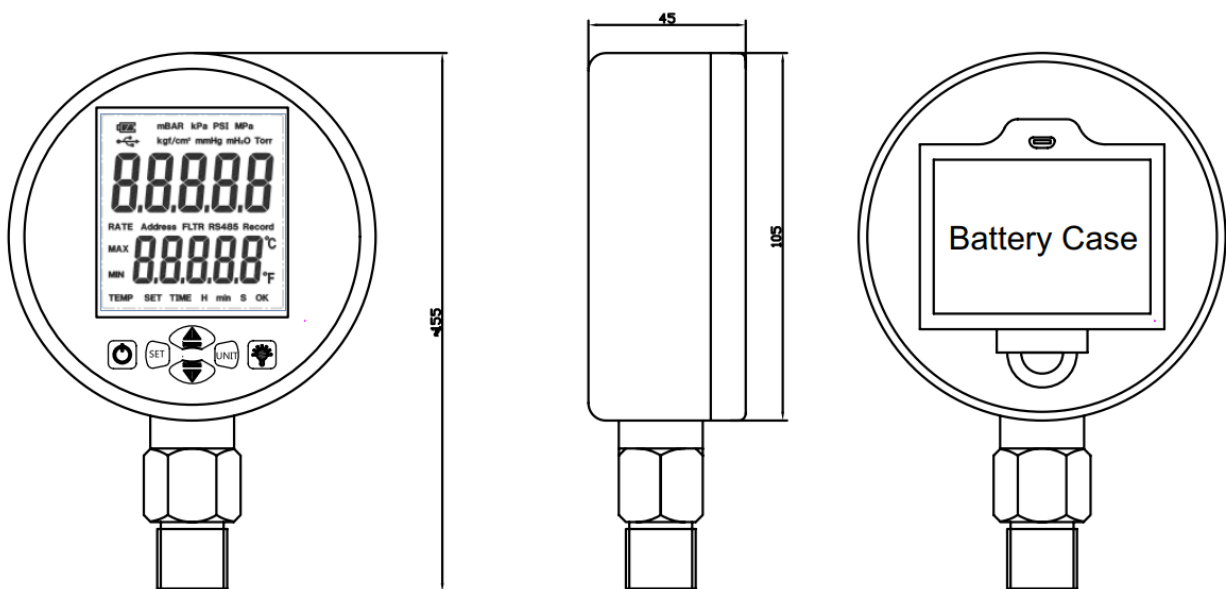
-  Water Treatment System
-  Water Pump and Air compressor
-  Electromechanical Equipment Automation
-  Engineering Machinery
-  Medical Equipment
-  Hydraulic and Pneumatic systems
-  Laboratory
-  Customized Applications

More details for XY-PG210, please contact us.

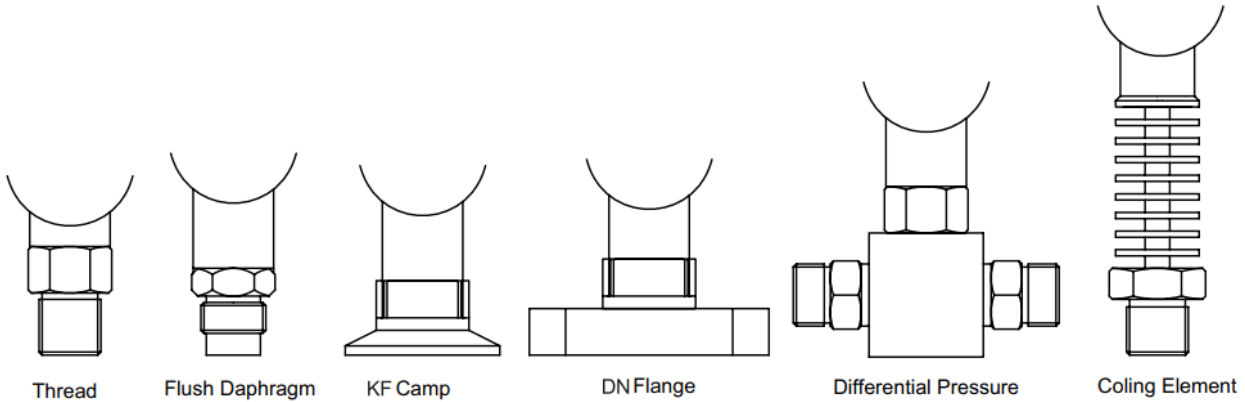
Specification

Model	XY-PG210
Composite range	(-0.1~0.1) (-0.1~0.25) (-0.1~0.4) (-0.1~0.6) (-0.1~1.0) (-0.1~2.5) MPa (-10~10)(-25~25) (-40~40) (-60~60) (-50~50) (-100~100) KPa
Gauge Pressure Range	0~0.2~0.6~1~2.5~10~25~40~60~100MPa
Micro-pressure Range	0~5~10~25~40~60~100KPa
Pressure Type	Gauge Pressure Test, Absolute Pressure Test, Vacuum Pressure Test
Dimension	Diameter Φ105
Overload Capacity	150%(>10MPa); 200%(≤10MPa)
Measurement Medium	Gas or Liquid with Compatibility of SS 304
Accuracy Level	0.05%FS ;0.1%FS; 0.2%FS
Long-Term Stability/Year	Typical: ±0.1% FS;
Operation Temperature	-5~40°C; others temperature are customized
Compensation Temperature	0~40°C
Sample Frequency	0-10 times/Second
Display	5 digits LCD, white backlit display
EMC	EN61326
Data Record	EEPROM, with Peak value record
Power Supply	3 cell 1.5V AA Battery or USB

Dimension(mm)



Mechanical Connection(mm)



How To Order

XY-	PG	280	E	P	60M	1	P2	J	M3	B1	T1	L		
	Category	Type	Setup	Pressure Connection	Pressure Range	Accuracy	Power	Output	Thread	Electrical Connection	Medium Temperature	Additional		
PG	Pressure Gauge	200	High Accuracy	E Lower Mount	None	XX (0-XXkPa)	1	0.40%	P0 Battery	R RS485	M1 M20*1.5	B Cable Outlet	T1 -5~40°C	LC LCD Display
		210	High Accuracy Pressure&Temperature	Z Panel Mount	P Diaphragm Seals	XB (0-XXBar)	2	0.20%	P2 24V	A 4-20mA	M2 G1/4	C Circular Connector	T2 -20~80°C	LE LED Display
		270	Explosion-Proof	G Wireless	DP Differential Pressure	XM (0-XXMPa)	3	0.10%	P4 220V	J1 Relay	M3 G1/2	CC Customized	T9 Customized	L1 Explosion-Proof
		280	80mm Dial Size LCD Display	F Peak Record	CF Clamp	CC Customized	4	0.50%	P5 280V	J2 Dual Relay	M4 1/2NPT			
		280	60mm Dial Size	V Vacuum Switch	DN Flange		5	0.25%	P6 12V	CC Customized	M5 1/4NPT			
		300	100mm Dial Size	W Water Pump Switch	9999 Customized		9	Customized	P9 Customized		M7 G1/4			
		380	80mm Dial Size LED Display								M9 Customized			
		560	Digital Remote-transmission											
		635	Contact 60mm Dial Size											
		825	Contact 80mm Dial Size											
925	Contact 90mm Dial Size													
PS	Pressure Switch	628	60mm Dial Size											
		828	80mm Dial Size											
		928	100mm Dial Size											
		650	Switch Box with Plastic Shell											
		600	Switch Box with Full Metal Shell											
700	Mechanical													
PC	Pressure Control	600	60mm Dial Size											
		800	80mm Dial Size											
		900	100mm Dial Size											

Remark: 1. This form is for whole Pressure Measurement and Pressure Control products, please read Product Date Sheet to get reference informations
2. If you may not find right information in this form, Please contact us to get future details

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