



Supply and Solution

HVAC&R, Plumbing and More Industries

PRODUCT OVERVIEW



GPI INSTRUMENTS

www.gpi-instruments.com

Pressure Gauge / Manometer / Test Gauge



All Stainless Steel Pressure Gauge



PPL Series

Dial size: 2.5"(63mm), 4"(100mm), 6"(150mm)

Tube & socket: SS304, SS316L

Range: From Vac to 1,5000 psi

Connection: 1/4"NPT, 1/2"NPT

Liquid Filled Pressure Gauge



PLC Series

Dial size: 1.5"(40mm), 2"(50mm)

2.5"(63mm), 3"(75mm), 4"(100mm)

Tube & socket: Brass, Lead free brass
SS304, SS316

Range: From Vac to 1,5000 psi

Connection: 1/8"NPT, 1/4"NPT, 1/2"NPT

Economy Pressure Gauge



PEB Series

Dial size: 1.5"(40mm), 2"(50mm)

2.5"(63mm), 3"(75mm), 4"(100mm)

Tube & socket: Brass

Range: From Vac to 6,000 psi

Connection: 1/8"NPT, 1/4"NPT, 1/2"NPT

Capsule Pressure Gauge



PCB Series

Dial size: 2"(50mm), 2.5"(63mm), 4"(100mm), 6"(150mm)

Tube & socket: Copper alloy & SS304

Range: From Vac to 800 psi

Connection: 1/8"NPT, 1/4"NPT, 1/2"NPT

Digital Pressure Gauge



PDG Series

Dial size: 2.5"(63mm)

Socket: SS304, SS316, SS316L

Range: From Vac to 100 psi

From Vac to 15,000 psi

Accuracy: 0.5%, 0.25%

Connection: 1/4"NPT, 1/2"NPT

Contractor Gauge



PCG Series

Dial size: 4.5" (115mm)
with recalibrator screw

Case: SS304

Socket: Brass

Range: From Vacuum to 5000psi

NPT Connection: 1/4", 3/8", 1/2" etc.

Diaphragm Pressure Gauge



PSD Series

Dial size: 2.5"(63mm), 4"(100mm), 6"(150mm)

Tube & socket: SS316

Range: From Vac to 1,000 psi

Connection:

Diaphragm seal DN1.5", DN2", DN2.5"

1/8"NPT, 3/8"NPT, 1/4"NPT, 1/2" NPT

Refrigeration Pressure Gauge



PRS Series

Process Pressure Gauge



PPG Series

Dial size: 4.5"(115mm)

Tube & socket: SS316L

Range: From Vac to 1,5000 psi

Connection: 1/4"NPT, 1/2"NPT

Accuracy: 0.5%, 1.0%

Option: * Liquid-filled

* Dry with silicon dampened pointer

Sprinkler Gauge



PSG Series

Dial: 3.5" (90mm)

Case: Black plastic

Socket: Brass

Connection: 1/4"NPT, Bottom

Range: 0-300 psi,

0-80 / retard / 250 psi

UL Listed / FM Approved

Gas Test Gauge



PTG-1 Series



PTG-2 Series

Dial: 2"

FNPT Connection: 1/2", 3/4", 1"

Water Test Gauge



PTG-3 Series

Dial: 2.5"

Range: 0-160psi, 0-300psi

3/4" NPT female swivel connection

Test Kits

KTP Series

Pressure Test Kits

Contains:
0-7 psi Gas Test Gauge
0-160 psi Water Test Gauge
Carrying Case



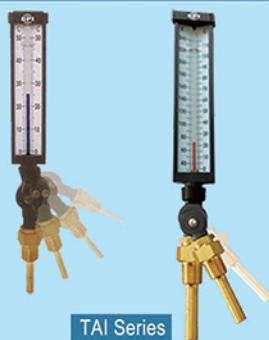
KTT Series

Temperature Test Kits

Dial: 3" and 1"
Adaptor: 1.75" SS
probe with 1/4"NPTF



Adjustable Angle Industrial Thermometer



TAI Series

Case length: 9"(230mm), 6"(150mm)
 Stem material: Brass, Lead free brass, SS304
 Connection: For 9" case, 3/4"NPT
 For 6" case, 1/2"NPT
 Range:
 6"case, -20 to 400°F & -30 to 200°C
 9"case, -40 to 750°F & -40 to 400°C

6" Industrial Thermometer



TE6 Series

Case length: 6"(150mm)
 Case Material: Black or Grey ABS
 Form: Straight, 90°angle
 Stem material: Brass, Lead free brass, SS304
 Connection: 1/2"NPT
 Range: From -40 to 200°C & -40 to 400°F

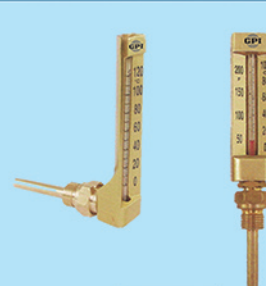
Hot Water Thermometer



THW Series

Dial size: 2"(50mm), 2.5"(63mm)
 Case(scale type): 6"(150mm)
 Form(scale type): Straight, 90°angle
 Stem material: Brass, LF brass, SS304
 Connection: 1/2"NPT
 Range: Dial type, 30 to 250°F & 0 to 120°C
 Scale type, 40 to 280°F & 5 to 135°C

HVAC V-line Glass Thermometer



TVI Series

Case length: 4.5"(110mm), 6"(150mm), 8"(200mm)
 Form: Straight, 90°angle, 135°angle
 Stem material: Brass, Lead free brass, SS304
 Connection: 1/2"NPT
 Range: From -60 to 600°C & -140 to 1100°F

Bimetal Thermometer



TBI Series

Dial size: 2"(50mm), 3"(75mm), 4"(100mm), 5"(125mm), 6"(150mm)
 Stem material: SS304, SS316
 Connection: 1/4"NPT, 1/2"NPT
 Range: -40°F to 1100°F & -40°C to 600°C

Gas Filled Thermometer



TRD Series

Dial size: 3"(80mm), 4"(100mm), 6"(150mm)
 Capillary: SS304 1.5m, 2m, 3m, 4m, 5m, 6m, 10m, etc.
 Stem: 4", 6.5", 8", 10", 12", 16", 20", etc.
 Range: -40°F to 1200°F & -40°C to 650°C

Digital Adjustable Angle Thermometer



TSD Series

TSD: LCD
 Size: 2.25"(57mm)x2.25"(57mm)
 TDA: 3"(75mm)
 Stem length: TSD: 3.5", 6"
 TDA: 2.5"(63mm)~24"(610mm)

Tridicator



TPT Series

Dial size: 2.5"(63mm), 3"(75mm)
 Socket: Brass
 Connection: 1/4"NPT, 1/2"NPT
 Range: For pressure, 0-250 psi
 For temperature, 70 to 320°F & 20 to 160°C

Infrared Thermometer Digital Thermometer



SH8380

Dial: 75x155mm
 Temperature range: -50~380°C / -58~716°F



TDT-1B

Size: 105x28mm
 Case: Plastic
 Range: -122~302°F
 Capillary: 1m, 1.5m, 2m, etc.
 Accuracy: ±1%



TDT-1A

Size: Dial: 2"
 Case: SS
 Range: -122~302°F
 Capillary: 1m, 1.5m, 2m, etc.
 Accuracy: ±1%

Pressure Transmitter



PTG Series

Features:
 Wide range of mechanical electrical connections, Customizable, standard type or precision type



PTL Series

Features:
 Pressure sensor is installed in a SST316L housing. Pressure is transferred from a stainless steel diaphragm to the sensor.



PTI Series

Features:
 A broad compensated temperature range of -20°C to 85°C and excellent temperature compensation makes this transmitter very stable fluctuating temperatures.

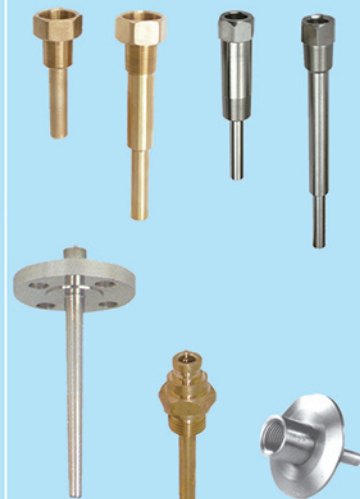
Thermocouple & RTD



TTR Series

Applications:
 Industrial automation
 Petroleum refining, natural gas
 Chemical engineering, nonferrous metal.
 EMT/T Graduation:
 Pt10, Pt100, Pt1000, Cu50, Cu100, etc.
 K, N, E, J, T, S, R, B, etc.

Thermowells for Thermometer & Thermocouple



Snubber



ASN-1 Series

Material: SS304, SS316, Brass
NPT Connection: 1/4", 3/8", 1/2"



ASN-2 Series

Diaphragm Seals



DSC Series



DST Series

Syphon



ASP Series

Material: SS304, SS316,
SS316L, Black steel
NPT Connection:
1/4", 3/8", 1/2"

Test Plug



ATP Series

Material: Brass
Connection: 1/4", 1/2"
Max. Pressure: 1000psi

Needle Valve



ASV-1 Series

Material: SS304, SS316, SS316L
NPT Connection: 1/4", 3/8", 1/2",
3/4", 1"
Max. Pressure: 6000 psi, 10000 psi



ASV-2 Series

Material: SS304, SS316, SS316L
NPT Connection: 1/4", 3/8", 1/2",
3/4", 1"
Max. Pressure: 6000 psi, 10000 psi



ASV-1B Series

Material: Brass
NPT Connection: 1/4", 3/8", 1/2"

Push-Fit Fittings



Couplings



90 Degree Elbows



Equal Tees



Stop Valve Tee Adapters

Material: Lead free brass
Connection: 1/4", 1/2", 3/4", 1", etc.

Pex/Barb Fittings



Straight & Reducing
Couplings



Elbows



Equal Tees



Swivel Elbows



End Plugs

Material: Lead free brass
Connection: 1/4", 1/2",
3/4", 3/8", 1", 7/8", etc.

Water Connectors with Stop Valve



Flexible Water
Heater Connector



Stop Valve
with Hose



Flexible Hose

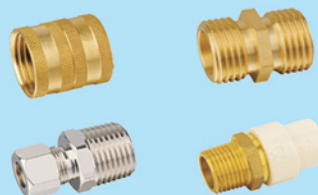
Stop Valve



Gate Valve



Brass Pipe Fittings



Ball Valve



Pressure Regulating Valve



Tub Accessories



GLOBAL PRECISION INSTRUMENTS INC.

Add: 780 Roosevelt Ave, Unit #88, Irvine, California 92620 USA
Tel: +1 949 338-0058
Fax: +1 949 333-6100
E-mail: sales@gpi-instruments.com
www.gpi-instruments.com