

WINTERS



We're There.



PRODUCT OVERVIEW

Pressure Gauges



	P1S 100 Series	P3S 300 Series	P9S 90 Series	PAG/PPG/PSQ 3A Sanitary
Dial Size	3.5" (90mm) 4" (100mm) 4.5" (115mm) 6" (150mm)	4.5" (115mm) 6" (150mm) 8.5" (215mm) 10" (250mm)	1.5" (40mm) 2" (50mm) 2.5" (63mm) 3.5" (90mm)	2.5" (63mm) 4" (100mm)
Tube and Socket	Phosphor bronze/brass	316L SS/brass	Phosphor bronze/brass	316L SS
Connection	1/4" NPT	1/4" NPT for 600 psi or lower 1/2" NPT for 1,000 psi or higher	1.5" dial: 1/8" NPT 2" dial: 1/8", 1/4" NPT 2.5", 3.5" dial: 1/4" NPT	316 SS, electro-polished with 1.5" or 2" Tri-Clamp® <small>Tri-Clamp® is a registered trademark of Tri-Clover, Inc</small>
Range	Vac-0-5,000 psi/kPa	Vac-0-20,000 psi/kPa	Vac-0-600 psi/kPa	Vac-0-1,000 psi/bar



	PEM/PEM-LF/PEU Economy	PET/PET-LF Gas or Water Test	PFE Sprinkler	PFP Premium Filled
Dial Size	1.5" (40mm) 2" (50mm) 2.5" (63mm) 4" (100mm)	Gas Test: 2" (50mm) Water Test: 2.5" (63mm)	3.5" (90mm)	2.5" (63mm) 4" (100mm) 6" (150mm) Bayonet ring
Tube and Socket	Phosphor bronze/brass or lead free phosphor bronze/brass	Phosphor bronze/brass or lead free phosphor bronze/brass	Phosphor bronze/brass	316 SS
Connection	1.5" dial: 1/8" NPT 2" dial: 1/8", 1/4" NPT 2.5", 4" dial: 1/4" NPT	Gas Test: 3/4" FNPT Water Test: 3/4" female swivel hose	1/4" NPT	2.5" dial: 1/4" NPT 4", 6" dial: 1/4", 1/2" NPT
Range	Vac-0-5,000 psi/kPa	0-300 psi/kPa	0-300 psi/kPa or 0/80/retard-250 psi/kPa	Vac-0-20,000 psi/kPa



	PN2-ZR NACE StabilizR™	PPC Process	PPC-ZR StabilizR™ Process	PRL Regulator
Dial Size	4" (100mm)	4.5" (115mm)	4.5" (115mm)	1.5" (40mm) 2" (50mm)
Tube and Socket	316 SS	316L SS/phosphor bronze/brass	316L SS/phosphor bronze/brass	316 SS
Connection	1/2" NPT	1/4" or 1/2" NPT	1/4" or 1/2" NPT	1.5" dial: 1/8" NPT 2" dial: 1/8", 1/4" NPT
Range	Vac-0-20,000 psi/kPa	Vac-0-20,000 psi/kPa	Vac-0-20,000 psi/kPa	Vac-0-5,000 psi/kPa

Pressure Gauges



PAM Ammonia	PBC Forged Brass Case	PCC Colour Coded	PCT/PCT-LF Contractor	PDT/PDX Duplex/Differential
2.5" (63mm), 3.5" (90mm) 4" (100mm), 6" (150mm) 8.5" (215mm) 10" (250mm)	2.5" (63mm) 4" (100mm)	4" (100mm)	4.5" (115mm)	4.5" (115mm) 6" (150mm)
316L SS	Brass	316L SS/phosphor bronze/brass	Phosphor bronze/brass or lead free phosphor bronze/brass	316L SS/phosphor bronze/brass
1/4" NPT	2.5" dial: 1/4" NPT 4" dial: 1/4", 1/2" NPT	1/4" or 1/2" NPT	1/4" NPT	1/4" NPT
Vac-0-300 psi/°F	Vac-0-10,000 psi/kPa	Vac-0-20,000 psi/kPa	Vac-0-5,000 psi/kPa	15-600 psi



PFP-ZR Premium StabilizR™	PFQ/PFQ-LF Filled	PFQ-ZR StabilizR™	PLP Low Pressure	PN2 NACE - MR0175-2002
2.5" (63mm) 4" (100mm)	1.5" (40mm), 2" (50mm) 2.5" (63mm) 4" (100mm) Crimped ring	2.5" (63mm)	2.5" (63mm) 4" (100mm) 4.5" (115mm) 6" (150mm)	4" (100mm) 6" (150mm)
316 SS	316 SS/phosphor bronze or 316 SS/ lead free phosphor bronze	Phosphor bronze/brass	316 SS/brass	316 SS
2.5" dial: 1/4" NPT 4" dial: 1/4", 1/2" NPT	1.5" dial: 1/8" NPT 2" dial: 1/8", 1/4" NPT 2.5" dial: 1/4" NPT, 7/16"-20 SAE 4" dial: 1/4", 1/2" NPT	1/4" NPT	1/4" NPT	1/4" or 1/2" NPT
Vac-0-20,000 psi/kPa	Vac-0-15,000 psi/kPa - PFQ Vac-0-15,000 psi/bar - SAE	Vac-0-10,000 psi/kPa	Vac-0-10 psi/kPa	Vac-0-20,000 psi/kPa



PSC Safety Case	PSP Spiral Tube	PTG Test	PTS Tube Stub	PWL Welding
4" (100mm) 4.5" (115mm) 6" (150mm)	1" (25mm), 1 1/8" (30mm) 1.25" (32mm), 1.5" (40mm)	4" (100mm) 6" (150mm) Mirror band for precise reading	2.5" (63mm)	1.5" (40mm) 2" (50mm) 2.5" (63mm)
316L SS	304 SS/beryllium copper/brass	316 SS/brass	316L SS	Phosphor bronze/brass
1/4" or 1/2" NPT	1/8" NPT	1/4" or 1/2" NPT	1/4" tube stub	1/4" NPT
Vac-0-20,000 psi/kPa	0-5,000 psi	Vac-0 -10,000 psi/kPa	Vac-0-5,000 psi/kPa	0-4,000 psi or bar

Thermometers



	TAG HVAC Gold Case	TAS/TAS-LF Industrial 5AS	TBM Bi-metal	TBT HVAC Bi-metal
Dial/Scale	4.5" (115mm), 6" (150mm)	5" (125mm)	1" (25mm), 2" (50mm) 3" (75mm), 4" (100mm) 5" (125mm), 6" (150mm)	3.5" (90mm)
Sensing Element	Brass	Brass or lead free brass	SS	Brass
Bulb/Stem Length	3.5" (90mm), 6" (150mm)	3.5" (90mm), 6" (150mm)	2.5" (63mm) - 48" (1219mm)	2" (50mm)
Accuracy	±2% full scale	±2% full scale	±1% full scale	±2% full scale



	TCT Clamp-On	TIM/TIM-LF Industrial 9IT	TMT Bi-metal with RTD	TNC Non-Contact
Dial/Scale	2.5" (63mm)	9" (229mm)	2" (50mm)	LCD size: 1.125" (30mm) x 0.75" (19mm)
Sensing Element	Bi-metallic coil	Brass or lead free brass	Bi-metallic coil	-
Bulb/Stem Length	-	3.5" (90mm), 6" (150mm)	-	-
Accuracy	±3% full scale	±1% full scale	±2% full scale	±2% of reading



	TRR Remote Reading	TSD/THS Solar Digital	TSW/TSW-LF Hot Water	TTD Tridicator
Dial/Scale	2.5" (63mm), 3.5" (90mm) 4" (100mm), 4.5" (115mm) 6" (150mm), 8.5" (215mm)	TSD: LCD size: 2.25" (57mm) x 2.25" (57mm) THS: 3" (75mm)	Dial: 2" (50mm), 2.5" (63mm) Scale: 8" (200mm)	2.5" (63mm) 3" (75mm)
Sensing Element	SS/brass	TSD: Brass THS: SS	Brass or lead free brass	Brass
Bulb/Stem Length	6" (150mm)	TSD: 3.5" (90mm) THS: 2.5" (63mm) - 24" (600mm)	Dial: 1.5" (40mm) Scale: 2.5" (63mm)	2.5" (63mm): 2.15" (55mm) stem 3" (75mm): 2.75" (70mm) stem
Accuracy	Gas actuated: ±0.5% full scale Vapour actuated: ±2% full scale	±1 of reading	±1% full scale	Pressure: ±3-2-3% Temperature: ±3% full scale

Pressure Transmitters



LE3 Series Transmitter	LIS Intrinsically Safe Transmitter	LM6 Submersible Transmitter	LST Sanitary Transmitter
<p>Features: Can be utilized in many applications. Rugged stainless steel, CE, CSA, NEMA 4X, $\pm 0.5\%$ accuracy</p> <p>Range: Up to 5,000 psi</p> <p>Applications: Industrial machinery, hydraulics & pneumatics, compressor controls, boilers, chillers, AC & refrigeration</p>	<p>Features: Intrinsically safe design for hazardous areas. Rugged stainless steel, CE, CSA, NEMA 4X $\pm 0.25\%$ accuracy</p> <p>Range: Up to 8,700 psi</p> <p>Applications: Appropriate for all hazardous areas where an intrinsically safe rating is required</p>	<p>Features: Designed to provide continuous depth level and measurement, CSA, $\pm 0.1\%$ accuracy</p> <p>Range: Up to 300 psi</p> <p>Applications: Level and depth measurement, waste water treatment, irrigation systems, environmental monitoring</p>	<p>Features: Meets 3A standards for food & beverage processing, dairy & pharmaceutical environments. 3A, CE, $\pm 0.25\%$ accuracy</p> <p>Range: Up to 1,000 psi</p> <p>Applications: Food and beverage processing, dairy, pharmaceutical, liquid level control</p>

Diaphragm Seals



Features:

Suitable for applications with corrosive media or where clogging is a concern. Available in various types of materials, housings and diaphragms. Flanges available in many sizes

Ranges:

D10 PVC Diaphragm Seal	Vac-200 psi	D70 2-pc Industrial Seal	Vac-2,500 psi
D15 In Line Seal	50-5,800 psi	D71 2-pc Industrial NACE Seal	30-2,500 psi
D20 Sanitary Seal	30-600 psi	D81 Isolation Ring	Vac-1,000 psi
D30 High Pressure Seal	1,000-6,000 psi	D85 In Line Flow Thru Seal	30-600 psi
D40 General Purpose 1-pc Seal	15-1,000 psi	D90 Saddle Weld Seal	30-600 psi
D44 Flanged Diaphragm Seal	Vac-2,500 psi		
D46 Flanged Flush Mount Seal	30-1,300 psi		
D50 Compact Seal	100-1,000 psi		

Pressure Switches



Features:

Adjustable switches available in a variety of pressure ranges and actuation methods.

Ranges:

2WPS
Diaphragm: 2-300 psi
Bellows: 10-3,000 psi



5WPS
Diaphragm: 15-300 psi
Bellows: 15-500 psi

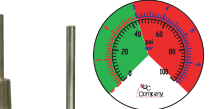


6WPS
Pressure: 15-300 psi
Vacuum: Vac
Over-Pressure: 15-100 psi



7WPS
Pressure: 1.5"-150" wc
Vacuum: 1.5"-150" wc
Vac/Pres.: 3"-100" wc

Accessories



Features and Ranges:

SNV/SSN-LF Brass or Lead Free Brass Needle Valve:

316 SS or carbon steel body, $\frac{1}{4}$ " or $\frac{1}{2}$ " NPT FxF, MxF

Soft seat: 6,000 psi
Hard seat: 10,000 psi

SOP Over Pressure Protector:

SS $\frac{1}{4}$ " or $\frac{1}{2}$ " NPT
Bellows type: 3-20 psi to 15-90 psi
Piston type: 90-230 psi to 1,450-5,800 psi

SSN/SSN-LF Snubber:

Brass, lead free brass or stainless steel, $\frac{1}{4}$ " or $\frac{1}{2}$ " NPT

Brass: 10,000 psi
Stainless steel: 20,000 psi

SMV/SMV-LF Mini Ball Valve:

Steel, brass or SS, $\frac{1}{4}$ " or $\frac{1}{2}$ " NPT, 3,200 psi

Brass or lead free brass, $\frac{1}{4}$ " NPT FxF, MxF, 400 psi

SCT Cooling Tower:

316 SS $\frac{1}{4}$ " or $\frac{1}{2}$ " NPT MxF, 1,500 psi

Thermowell: Bi-metal, Sanitary, Socket-weld, Weld-in, Flanged, Stepped, Tapered

Custom Dials:

All custom dials are manufactured to meet your specifications

More accessories are available. Please contact us for a full list of products.

Products with an "LF" suffix are available with lead free wetted parts

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