





1. Large and deep product offering

Allows access to many new and different customers

2. High quality products

Worry-free installations with an extremely low defect rate of 0.17%

3. Five year warranty

Covering all instrumentation

4. Servicing all market segments

Covering both the industrial and commercial markets

5. High field support presence

A large number of Regional Sales Managers providing global coverage

6. Distributed globally

Global distribution in over 90 countries through 8 Winters sales and service offices

7. Distributor training events

Ensuring our partners are fully equipped to promote, sell and support our instrumentation products

8. Engineering team

Responding to technical RFQs and providing application know-how

9. Regular 3rd party factory audits

Customers and agencies verifying standards and certifications

10. Approvals

Adhering to higher standards: 3A, RoHS, CE, CRN, CSA, FM, ISO 9001, UL

11. Distributor portal

All of our Winters tools at your convenience

12. Global AMLs

Easier acceptance into industrial and commercial projects

13. StabiliZR®

Gauge dampening technology without glycerin filling

14. Strong R&D

Numerous new product launches

15. Platinum service

Front of the line service

16. UPC labelled product and packaging

Fast and simple product identification

17. Comprehensive website and App

Embracing mobile technology

18. Canada's Best Managed Companies Program Winner Since 2017

Recognition for innovation and sustained performance re-enforces Winters' commitment to continuous improvement









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	P1S	P3S	P9S/P9U 90 Series	PAG/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	1⁄4" NPT 1⁄8" NPT	0.75", 1.5" or 2" Tri-Clamp®
Range	Vac - 5,000 psi/kPa	Vac - 20,000 psi/kPa	Vac - 600 psi/kPa	Vac - 1,000 psi/bar









	PAM Ammonia PFG Refigeration	PBC Forged Brass Case	PCC Colour Coded	PCG/PRL/PWL/PSP/PUP Compressed Gas
Dial Size	2.5" (63mm), 3.5" (90mm), 4" (100mm), 6" (150mm), 8.5" (215mm), 10" (250mm)	2.5" (63mm) 4" (100mm)	4" (100mm)	1" (25mm) 1.5" (40mm) 2" (50mm) 2.5" (63mm)
Tube and Socket	Bronze Nickel 316L SS	Brass*	Phosphor bronze/brass*	Phosphor bronze/brass*, 304 SS, 316 SS, 316L SS
Connection	1⁄4" NPT	2.5" dial: ¼" NPT 4" dial: ¼", ½" NPT	1/4" NPT or 1/2" NPT standard	1/8" NPT or 1/4" NPT
Range	Vac - 500 psi	Vac - 10,000 psi/kPa	Vac - 20,000 psi/kPa	Vac - 5,000 psi/kPa









	PCT/PCT-LF Contractor	PDT Differential PDX Duplex	PEM/PEM-LF/ PEU Economy	PFD Differential PFD Compact
Dial Size	4.5" (115mm)	4.5" (115mm) 6" (150mm)	1.5" (40mm), 2" (50 mm) 2" (50mm) Pool Gauge 2.5" (63mm) 4" (100mm)	2 1/16" (52.4mm) 4" (100mm)
	Phosphor bronze/brass* or lead free brass	316L SS/phosphor bronze/brass*	Phosphor bronze/brass*	Die-cast aluminum, silicon rubber or Glass filled nylon, black
Connection	1⁄4" NPT	1⁄4" NPT	1/8" NPT or 1/4" NPT standard	1/8" NPTF high & low, side & back or 3/16" barbed for ID tubing
Range	Vac - 5,000 psi/kPa	0 - 600 psi	Vac - 5,000 psi/kPa	-0.25 - 150"H ₂ O or 125 - 750 mmH ₂ O









	PFE Sprinkler	PFH / PTS Hydraulic	PFP Industrial PN2 NACE	PFQ/ PFQ-LF Stainless Steel
Dial Size	3.5" (90mm)	2.5" (63mm), 4" (100mm)	2.5" (63mm) 4" (100mm) 4.5" (115mm) 6" (150mm)	1.5" (40mm) 2" (50mm) 2.5" (63mm) 4" (100mm)
Tube and Socket	Phosphor bronze/brass*	Phosphor bronze/ brass*	316L SS/brass*	Brass*/ Lead-free brass/ 316 SS
Connection	1⁄4" NPT	1/4" or 1/2" NPT with restricted orifice or tubestub	1/4" NPT, 1/2"NPT, Autoclave®	1/8", 1/4" or 1/2" NPT
Range	0-300 psi/kPa or 0/80/retard-250 psi/kPa	Vac -15,000 psi	Vac - 40,000 psi/kPa	Vac - 15,000 psi/kPa









	PLP Low Pressure	PMN Mining	PPC Process PRC Receiver	PPD/PRD/PSD/PVD Differential
Dial Size	2.5" (63mm) 4" (100mm) 4.5" (115mm) 6" (150mm)	2" (50mm)	4.5" (115mm)	2.5" (63mm) 3.5" (90mm) 4.5" (115mm)
Tube and Socket	316 SS/brass*	Brass*	Brass*/ 316L SS	SS and others
Connection	1⁄4" NPT	3/8" Steck-O connection, quick connect	1/4" NPT or 1/2" NPT	1/4" or 1/2" NPT and others
Range	"H ₂ 0 - 10 psi/kPa	0 - 9,000 psi	Vac - 20,000 psi	"H ₂ 0 - 110 psid









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	PSC Safety Case	PSG Shaeffer	PTG Test	StabiliZR® Family
Dial Size	4" (100mm) 4.5" (115mm) 6" (150mm)	4" (100mm) 6" (150mm)	4" (100mm) 6" (150mm) Mirror band for precise reading	1.5" (40mm) 2" (50mm) 2.5" (63mm) 4" (100mm) 4.5" (115mm)
Tube and Socket	316L SS	SS/ 316L SS	Brass*/ 316 SS	Phosphor bronze/brass*/ 316 SS/ 316L SS
Connection	1/4" or 1/2" NPT	1/2" NPTM bottom	1/4" or 1/2" NPT	1/8" NPT, 1/4" NPT or 1/2" NPT
Range	Vac - 20,000 psi/kPa	"H ₂ 0 - 300 psi	Vac - 10,000 psi/kPa	Vac - 20,000 psi/kPa











	PEC	WPS Commercial	1WPS Pressure	2WPS General Purpose
Features	4" (100mm) all SS with switch	Low pressure differential switch with SPDT	All SS wetted parts	Aluminum housing and wetted parts. CSA approved
Range	Vac - 10,000 psi	0.08 - 16.0 "H ₂ O	3 - 5,000 psi	Vac - 500 psi
Applications	Light duty montoring and control of pressure lines	Monitoring air filters, ventilation ducts and heat exchangers	Commercial and general industrial installations	Suitable for all general purpose areas













	3WPS Industrial	4WPS Low Pressure	5WPS Differential	9WPS Explosion Proof
Features	Piston-type snap action switch for low to mid-pressure installations	Low pressure switch for very high accuracy requirements	Bellows actuated switch. Single and Dual contacts available	All stainless steel design. CSA, and dual-seal approved
Range	0.5 (0.03) - 400 (27) psi (bar)	0.06 (2) - 150 (10.3) psi/bar	15 psi - 5,000 psi	Vac - 10,000 psi
Applications	Suitable for pump and compressor monitoring, HVAC systems and general industrial applications	Suitable for oil and gas, mining and general industrial applications	High-level control, including filtration and pumping stations	Hazardous locations; safety panels, gas compressors, turbines and pump skids

Pressure Transmitters













	DPG Digital	LE1 OEM	LE3 General Purpose	LIM Industrial
Features	2.5" (63mm) digital gauge with rubber boot and SS wetted parts	Compact SS with ceramic sensor. Developed for OEM applications. CE approved	Can be utilized in many applications. CSA, ±0.5% accuracy	Heavy duty design and ±0.25% accuracy
Range	Vac - 15,000 psi	Vac - 2,000 psi	Vac - 5,000 psi	0 - 8,700 psi
Applications	General purpose gauge tester for calibaration	Pump and compressor monitoring, refrigeration and HVAC	Industrial machinery, hydraulics & pneumatics, compressor controls, boilers, chillers, AC & refrigeration	Appropriate for all rugged pressure readings in machinery and end user installations

Pressure Transmitters









	LIS Intrinsically Safe	LLP Low Pressure	LMH Hydraulic	LM1 Anti-Clogging
Features	Intrinsically safe with heavy duty design, and ±0.25% accuracy	SS construction with sensitive ceramic sensor	All SS with welded sensor for high shock and vibration	All SS construction with protective barrier and lightning protection
Range	0 - 8,700 psi	0 - 25 psi	0 - 8,700psi	up to 50 psi
Applications	Hazardous locations in Oil & Gas, Wastewater, and Power Generation	Developed for low pressure applications in general industry and OEM sector	Suitable for heavy duty process and automation control including mobile hydraulics and presses	Level measurment in lift stations and reservoirs









	LM3/LM6/LM7 Submersible	LST Sanitary	LTF Flush Mount	LTD Differential
Featur	Slim and full body transmitters with high accuracy	3A sanitary transmitter for any tri-clamp requirments	All SS flush mount for slurry media	Uni & Bi-directional differential transmitters offering high stability
Ran	ge up to 300 psi	0 - 1,000 psi	0 - 5,000 psi	0 - 5,000 psi
Applicatio	All level and submersible requirements with ceramic and SS sensors	Covers food and beverage and pharmaceutical installations	Flush port to ensure the transmitter does not clog	To measure pressure drops across filters

















	LXP Explosion Proof	WinSMART™LY16 Pressure Transmitter	WinSMART™LY36 Differential Transmitter
Features	Designed with explosion proof enclosure. cULus, and single-seal approved. ±0.25% accuracy	Explosion proof smart pressure transmitter for hazardous environments. Providing both analogue and digital communication outputs including a highly functioning LCD display. With a built-in temperature sensor, LY16 provides 0.2%, 0.5%, 0.1%, 0.075% or 0.05% accuracy	Explosion proof smart differential pressure transmitter for hazardous environments. Providing both analogue and digital communication outputs including a highlighly functioning LCD display with re-zero function. With a built-in temperature sensor, LY36 provides 0.075% or 0.05% accuracy
Range	Vac - 10,000 psi	Vac - 14,500 psi	Vac - 1,450 psi
Applications	Hazardous locations in oil and gas installations including pump and compressor controls	Pressure monitoring for oil and gas, well head process control, petrochemical installations, power generation equipment and all hazardous locations	Differential pressure monitoring for oil and gas installations, well head process control, petrochemical installations, power generation equipment and all hazardous locations











	SMV/-LF & SNV/-LF Mini Valve	NVA Needle Valve	BBV 2 & 3 -Handle	MVA 2,3 & 5 Handle Manifold
Features	An economical isolation valve for pressure gauges and transmitters, Brass* or lead free brass wetted parts	SS, CS and NACE configurations in straight and angle body	SS, CS and NACE variants with 1/4" bleed and 2-handle control	Designed for use with differential pressure transmitters and impulse lines. With isolation, venting and equalizing
Range	0 - 400 psi	6,000 and 10,000 psi	6,000 and 10,000 psi	6,000 and 10,000 psi
Applications	Provides flow control for non- corrosive applications including water lines	Severe duty which require valve isolation	Heavy duty installations ideally bundled with transmitters and switches	Critical in process and industrial enviroments for enabling repair, shut downs and updating of instrementation

Diaphragm Seals









	D10 PVC	D15 Threaded	D20 Sanitary	D30/D40 OEM
Features	Durable and flexible PTFE seal with PVC housing	Threaded and flush mount	Tri-Clamp connection with smooth flush surface	Compact one-piece design and high pressure rated
Range	Vac - 200 psi	50 - 5,800 psi	30 - 600 psi	30 - 1,000 psi or 1,000 - 6,000 psi
Applications	To be installed in applications where the media would corrode metal instruments	Suitable for any process where freezing or solidification of the pressure media is a concern	Sanitary connection for food and beverage and pharmaceuticals	Suited for compact OEM installations









	D44/D46 Flanged	D70/D71/D74 Industrial 2-piece	D81 Isolation Ring	D85 In-line D90 Saddle
Features	All welded flanged construction Continuous use rated seal	Heavy duty, all stainless steel construction Continuous use rated seal	Allows for flow-through of highly viscous material, non-clogging	Protects and ensures no clogging of instruments
Range	30 - 2,500 psi	30 - 2,500 psi	Vac - 1,000 psi	30 - 600 psi
Applications	Engineered environments such as upstream oil and gas and petrochemical plants	Utilized with highly viscous and corrosive media	Pressure measurement in waste water, P&P and mining	Viscous and slurry media in process applications

Thermometers















	TAG HVAC Gold Case	TAS/TAS-LF Industrial 5"	TBM/THS Bi-Metal	TCT/TMT Surface Mounted
Dial/Scale	4.5" (115mm) 6" (150mm)	5" (125mm)	TBM: 1" (25mm), 2" (50mm) 3" (75mm), 4" (100mm) 5" (125mm), 6" (150mm) THS: 3" (75mm)	2.5" (63mm)
Sensing Element	Brass*	Brass* or lead free brass	SS	Bi-metallic coil
Bulb/Stem Length	2" (50mm)	1.825" (46mm)	TBM: 2.5" (63mm) - 48" (1,219mm) THS: 2.5" (63mm) - 24" (600mm)	-
Accuracy	±2% full scale	±2% full scale	±1% full scale	TCT: ±3% full scale TMT: ±2% full scale









	TBT HVAC	TNR Food & Beverage	Hydrometer Alcohol and Beer	Hygrometer
Dial/Scale	3.5" (90mm)	3" (75mm)	11.7" (297mm) 13" (331mm)	4.5" (115mm)
Sensing Element	Brass*	304 SS	Filled Glass Tube	304 SS
Bulb/Stem Length	1.420" (36mm)	2.5" - 9"	4.4" (112mm) 8.4" (213mm)	-
Accuracy	±2% full scale	±1%	-	±1%













	TSW/TSW-LF Hot Water	THR/TRR Remote Reading	TIM/TIM-LF 9" TSD Solar	TTD Tridicator
Dial/Scale	Dial: 2" (50mm) or 2.5" (63mm) Scale: 8" (200mm)	2.5" (63mm), 3.5" (90mm) 4" (100mm), 4.5" (115mm) 6" (150mm), 8.5" (215mm)	TIM/TIM-LF: 9" (230mm) TSD: LCD size: 2.25" (57mm) x 2.25" (57mm)	2.5" (63mm) 3" (75mm)
Sensing Element	Brass* or lead free brass	SS/brass*	TIM/TIM-LF: Brass* or lead free brass TSD: Brass*	Brass*
	Dial: 1.5" (40mm) Scale: 2.5" (63mm)	6" (150mm)	3.5" (90mm), 6" (150mm)	2.5" (63mm): 2.15" (55mm) stem, 3" (75mm): 2.75" (70mm) stem
Accuracy	±1% full scale	Gas actuated: ±1% full scale Vapour actuated: ±2% full scale	±1% of reading	Pressure: ±3-2-3% Temperature: ±3% full scale

RTDs & Thermocouples









TFR	Industrial	RTD	Sensor
IEN	เมนนอนาสเ	NID	3611301

TET Thermocouples Sensor

Features

Explosion proof smart RTD temperature transmitter for hazardous environments Providing both analogue and digital communication outputs (HART® & Modbus) including a highly functioning LCD display TY52 accuracy is 0.5%

Highly accurate RTD with PT100 sensor and 4/20mA transmitter ±0.15°C at 0°C accuracy with standard stainless steel stem material

Functional J & K type thermocouple sensors providing a wide range of temperature options, Accuracy of ±0.4°C Class 1

Range

-50 - 400°C (-58 - 752°F)

-328°F - 1,022°F (-20°C - 550°C)

J-type -328°F - 1,382°F (-200°C to 750°C), K-type -328°F - 2,192°F (-200°C to 1,200°C)

Applications

Utilized and installed anywhere where temperature measurement is required This product has a rugged design and is equipped with the communication protocols to meet all your day-to-day requirements

Single sensing installations include processing plants, paper mills, storage tanks and petrochemical facilities

Single sensing installations include processing plants, and petrochemical facilities

Multi-point installations include refineries, reactors and gas-to-liquid process

Accessories





SOP Protector



SSN/SSN-LF/SAS

Snubbers



SSP Syphon



SCT
Cooling Tower

Perforated cover and spiral tube quickly dissipates media temperature

Easy field adjustable setpoint All stainless steel

SS, brass* and lead-free brass CS, brass* and SS materials

All SS instrument for diaphragm and isolation

FIR Instrument Tee

Features

Range 0 - 1,500 psi

seals

0 -10,000 psi

0 - 20,000 psi

0 -1,650 psi

0 -1,000 psi

Applications

Utilized for extremely high temperature media For the protection of pressure instruments against line surges

Prodection against pressure pulsations For steam service installations eq. boiler

Used for multiple instrument installations

Test Kits











STP/ STP-LF
Test Plug

Facilitates quick pressure readings. Brass* and lead free brass

AOM/PET/PET-L **Test Kits**

Water and gas line testing gauges

PGV Tire Gauge

Tire pressure gauge with protective cover and carrying case

PTK/ PGTK **Pressure & Temperature** Test kits in carrying case for

local inspection and testing

Range

Features

Up - 1,000 psi

up - 300 psi/kPa

up - 100 psi/kPa

up - 300 psi

Applications

Mainly used in plumbing, HVAC and refrigeration

For plumbing, HVAC and gas line testing

For tire pressure testing

Test kits for water and gas line inspection requirements



WinBRIGHT

- High visibility reflective, florescent and glow-in-thedark dials with larger bolder numbers provide increased readability in installations with poor exposure to light
- WinBRIGHT is available on PFP, PFP-ZR, PPC and PPC-ZR gauges



Flanges and U-Clamps

Front flanges, back flanges and u-clamps provide a variety of mounting possibilities for instrumentation



Tags

Winters can work with engineers to add stainless steel tags to identify instrumentation for large projects



Pointers (Red set pointer, Maxi/Mini pointer)

- Red set pointers allow operators to set a visible target for system operation
- Maxi or mini pointers can be installed to measure pressure spikes or losses of pressure



Capillary

Added to gauges and thermometers allowing them to be installed in applications requiring remote reading



Safety Lens

- Acrylic, polycarbonate, glass and safety glass lenses are available depending on your application requirements
- Safety glass lenses are utilized when user safety is a requirement, preventing the lens from rupturing



Case Materials

- Plastic, steel, black steel, die-cast aluminum, phenolic, stainless steel and many more cases are available
- The selection of the case material will depend on the ambient and process conditions



Rubber Boot

- Protective rubber boots can be added to many pressure gauges
- The rubber boot protects gauge cases installed in high traffic areas from knocks



Restrictor screw

- Restrictor screws come standard or are an option on many Winters gauges
- Restrictor screws reduce the size of the gauge's orifice protecting it from spikes in pressure



Calibration

- Servicing for instrumentation accuracy against certified test gauge
- Available for all gauges and thermometers
- Calibration can be certified



Dial Changing

- To replace old or outdated dials
- Any Winters or non-Winters instrumentation can have dials replaced
- Custom dials are available Winters can design dials to your specifications



Fluid Filling / Drying

- Fluid filled gauges dampen and lessen pointer vibration of gauges
- Top up fluid in cases where existing fluid has leaked out
- All fill fluids available
- Convert to dry gauge if fluid fill is no longer required



Gauge Audit Program(G.A.P.)

- A Winters Sales Professional tours a facility documenting instrumentation (Winters and non-Winters)
- They identify and document working and non-working instrumentation
- A report is provided identifying instrumentation part numbers and locations and notifying corrective actions required (if any)



Oxygen Cleaning

- Critical when instrument is to be used in oxygen service
- Cleaning of Bourdon tube and gauge socket
- Oxygen cleaned gauges will be returned in individually sealed bags in marked boxes
- · Available for all instrumentation



Seal Assembly

- For all types of seals and pressure gauges, switches and transmitters
- Compatible Winters and non-Winters products are accepted
- Diaphragm seal filling included in service.
- Calibration is done on all assembled units



For more information go to www.P65Warnings.ca.gov.

Repairs

- Full repair for pressure and temperature instruments, and diaphragm seals
- Non-Winters products can also be repaired
- Recommended when cost savings justify repairing rather than replacing

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.





























WINTERS INSTRUMENTS

MANUFACTURER OF INDUSTRIAL INSTRUMENTATION



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