WINTERS INSTRUMENTS





SANITARY PROCESS



















CORPORATE PROFILE

WINTERS Instruments was established over forty-seven years ago in Toronto, Canada by Erwin Winter, an immigrant from Czechoslovakia. WINTERS was established for the manufacture of pressure gauges and industrial thermometers for the Canadian market.

As WINTERS developed, it rapidly acquired a reputation for high quality instrumentation; securing as its long time customers numerous major Canadian distributors, Original Equipment Manufacturers and Government sectors including the Canadian and United States Departments of National Defence, where stringent quality standards are maintained.

During the 1980's, WINTERS began to broaden its market base by exporting its products and services to the United States, Europe, the Caribbean and South America. In 1991, WINTERS opened the United States operation and in 1996, an International Division was added. In 2000, Versa Gauge, an U.S. based manufacturer of industrial instrumentation was acquired. Today, WINTERS is proud to be distributing its products in over sixty countries throughout the world.

WINTERS emphasis on quality and service together with the drive for a specialized product line has resulted in Winters strength in "niche" markets such as the Food and Beverage and Pharmaceutical industries. Today, the WINTERS corporation includes four divisions, Winters Canada, Winters USA, Winters International and Versa Gauge, that service sanitary industries which require specific pressure and temperature measurement. These industries include: Biopharmaceutical, Biotechnology, Food and Beverage Processing, Dairy/Sanitary, Cosmetic Processing, Refrigeration and many others.

As we progress into the next century our vision is quite clear; competitively priced quality products and a commitment to providing our customers with the best service is what will continue to separate WINTERS from the competition.

MISSION STATEMENT

TO PROVIDE OUR CUSTOMERS WITH INDUSTRIAL INSTRUMENTATION FOR THE MEASUREMENT PRIMARILY OF PRESSURE AND TEMPERATURE. WINTERS WILL SATISFY OUR CUSTOMER'S REQUIREMENTS WITH TIMELY DELIVERIES OF COMPETITIVELY PRICED, QUALITY PRODUCTS AND FRIENDLY, EFFICIENT CUSTOMER SERVICE.

APPROVALS / STANDARDS



ISO 9002	ASME B40.1	CAN. DEPT. OF DEFENSE
CRN	NATO	U.S. DEPT. OF DEFENSE
UL	NACE	U.S. NAVY
ULC	NEMA	U.S. COAST GUARD
CSA	FCI	
EM	CF	



What separates Winters Instruments from all of the other manufacturers in the Sanitary Industry?

E-COMMERCE WINTERS is now offering a full E-commerce solution. Features include;

real-time ordering, real-time stock-check, product database search and

many more features.

SERVICE WINTERS leads the industry, known for our quick and efficient service.

QUALITY THE BEST WARRANTY IN THE INDUSTRY, PERIOD. The 5-3-1 warranty.

And of course, WINTERS high quality standards are maintained by its

ISO 9002 certification.

SPECIALS WINTERS can produce a wide range of

custom products (eg. Special ranges, dials,

connections, etc.) in record time, usually in

one week or less.

DELIVERY Full stocking warehouses enable same day shipping

of most products.

TRACK WINTERS has been manufacturing instruments for over forty-seven years.

RECORD Our impressive customers, with stringent quality requirements, include large

original equipment manufacturers, an international network of distributors in

over sixty countries and world renowned corporations.

COMMITMENT Competitively priced, quality products and the utmost in service, your

satisfaction guaranteed.

www.WINTERS.ca



WINTERS 3A Sanitary Gauge



1953

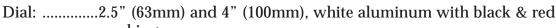


Winters 3A designated Sanitary Gauges are designed to meet the special requirements of the dairy, food processing and pharmaceutical industries. The rugged one piece stainless steel

to reduce internal wear due to pulsation

AVAILABLE UPON reading by minimizing excess pointer movement. Winters 3A Sanitary Gauges are

available in a 2.5" (63mm) or 4" (100mm) dial size available with a 1.5" (40mm) or 2" (50mm) bottom or back Sanitary Tri-Clamp[®] connection.



markings

Case:AISI 304 stainless steel, electro polished with 150 grit finish (Ra Min)

(with external recalibrator screw)

Lens:Plexiglass

Ring:AISI 304 stainless steel, electro polished with 150 grit finish (Ra)

Pointer:....Aluminum, anodized black

Process

Connection:....1 11/42" (40mm), 2" (50mm) Tri-Clamp **

AISI 316 stainless steel, electro polished

Diaphragm:....AISI 316 stainless steel, electro polished

Gasket:2.5" (63mm) silicon; 4" (100mm) EPDM

Vent and

Fill Plug:EPDM

Seal Fill:Approved food service oil

Case Fill:Glycerin, 98%

Working

Pressure:Maximum 75% of full scale value

Ambient

Temperature: $+59F / +149^{\circ}F (+15^{\circ}C / +65^{\circ}C)$

Process

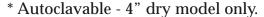
Temperature: +149F (+65°C).

Can be cleaned and steamed in place up to +250F (+121 $^{\circ}C$)

Accuracy:......2.5" (63mm) ±3% - 2% - 3% accuracy (ANSI / ASME Grade B)

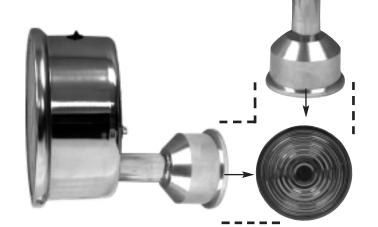
4" (100mm) ±0.75% accuracy (ANSI / ASME Grade 1)

Range:Standard ranges through 30"-0-30 psi/bar to 0-600 psi/bar



** Other connections available.

Tri-Clamp is a registered trade mark of Tri-Clover.







WINTERS 3A Objectives/Background



The purpose of the 3-A Sanitary Standards Committees is to formulate sanitary design criteria applicable to equipment types (Standards) or practices relating to processing systems (Accepted Practices). The 3A designation is internationally accepted throughout the world.

3-A accepted practices pertain to the sanitation aspects of equipment utilized to produce a wide variety of food, dairy and pharmaceutical products. Included are Culinary Steam, Boiler Feed Water, Heat Exchangers, Transfer Station, Silo Tank, Atmospheric Pasteurizers, Pipeline Milking Systems and Feed Production.

Sanitary systems are dependent upon accurate temperature measurement. <u>Pasteurization systems</u> include high temperature short time (HTST) at $221^{\circ}F$ ($105^{\circ}C$) and higher heat shorter time (HHST) at 300F ($149^{\circ}C$).

<u>Boiler Feed Water Systems</u> include temperature measurement to reduce water hardness and to prevent corrosion and scale in boilers . <u>Sanitization Systems</u> include temperature, time and the concentration of specific detergent solutions and bactericides. Cleaning and sanitizing procedures routinely include requirements of 250°F (121°C).

The temperature control system typically uses an indicating thermometer to measure the process temperature. A second thermometer is used to limit the maximum temperature to a defined preset value.

Temperature sensors (usually high accuracy resistance temperature detectors (RTD's) are installed in a fitting at the outlet of the heating and/or cooling system to accurately measure temperature.



Tri-Clamp Fitting

Tri-clamp fittings are the most popular for easy assembly and breakdown of process lines and equipment. Winters offers Tri-clamp fittings in T304 and T316L materials in 1/2" through 12" sizes.



SPECIFICATIONS

Size: 1/2" OD through 12" OD

Materials: T304 or T316L



WINTERS PRESSURE GAUGES





Premium Liquid Filled Utilized in all aspects of the sanitary process (e.g. Pumps, food equip-

ment & aseptic process systems.)

- $-1^{1/2}$ " (40mm), $2^{1/2}$ " (63mm), 4"(100mm), 6" (150mm) & 10" (250mm) dial sizes
- **Stainless Steel case**
- 316 Stainless Steel
- Brass
- 1/4", 1/2" or 1/8" NPT, **Bottom or Back**
- $1\frac{1}{2}$ " (40mm) $\pm 2.5\%$ filled ANSI/ASME
- $2^{1/2}$ " (63mm) ± 1.6 % filled ANSI/ASME
- Grade A 1% Dry ANSI/ASME Grade 1A 4" (100mm), 6" (150mm) & 10" (250mm) ±1% filled, ANSI/ASME Grade 1A, ±0.5% dry, ANSI/ASME Grade 2A

Standard Ranges from 30" Hg Vacuum /kPa to 0-20000 psi/kPa

- **Restrictor screw**
- **Bayonet ring**
- White aluminum dials with black and red marking

Process Gauge

Process areas where severe service applications or operator safety is a factor. (Pharmaceutical or cosmetic production line)

- 4 ¹/₂" (115mm)
- Black impact resistant phenolic case
- 316 Stainless Steel
- **Brass**
- 1/4" or 11/42" NPT Bottom or Back
- ± 0.5% accuracy dry, ANSI/ASME Grade 2A
- ± 1% accuracy filled ANSI/ASME Grade 1A

Standard Ranges from 30" Hg Vacuum/kPa to 0-20,000 psi/kPa

- Silver braised or welded joints
- Safety blowout backplate
- **Solid front**
- Reinforced polypropylene ring

Low Pressure

For the measurement of low pressures of liquids and gases in processing.

- 2 ½" (63mm), 4"(100mm), 4 ½" (115mm), 6" (150mm)
- Steel. Stainless Steel or Aluminum case
- Stainless Steel
- Brass
- 1/4" NPT
- $=\pm 1\%$ accuracy, ANSI/ASME Grade 1A

Standard Ranges from 0-15" water vac. to 0-10 psi/kPa

- Restrictor screw
- Recalibrator standard on stainless steel internal gauges

WINTERS PRESSURE GAUGES









Homogenizer
The 3A designated
Homogenizer is designed
specifically for sanitary
applications in the food industry
- 4"(100mm) & 6"(150mm)

All sanitary applications (i.e. laboratories) where accuracy and repeatability are of prime importance.

Test Gauge

Designed for service applications where vibration or pulsation is present.

Freon These gauges are designed for use on all freon applications. CFC refrigerant scale is standard, HFC refrigerant scale is available

White aluminum dial

AISI 304 stainless steel case

- 4"(100mm) & 6"(150mm) AISI 304 stainless steel
- 1.5"(40mm), 2.5"(63mm) & 4"(100mm)
- AISI 304 stainless steel case
- 2.5"(63mm) Plastic, colour coded case
- 4"(100mm) & 6"(150mm) Steel painted black case

- AISI 316 stainless steel
- AISI 316 Stainless steel
- OT 58 Brass or
- AISI 316 stainless steel
- **Phosphor Bronze** Brass (6" only)

- Standard fitting
- 1/4" NPT 1/2" NPT
- **Bottom & Back connections**
- 1/8" NPT 1/4" NPT
- 1/2" NPT
- **Bottom & Back connections**

 $1.5"(40\text{mm}) \pm 2.5\%$

- ¹/₄" NPT, bronze ¹/₂" NPT, bronze
- **Bottom & Back connections**

- ±1% accuracy ANSI / ASME Grade1A
- 4"(100mm) ±0.5% full scale, ANSI/ASME Grade 2A
 - $6"(150mm) \pm 0.25\%$ full scale, ANSI/ASME Grade 3A
- ANSI/ASME Grade B 2.5"(63mm) & 4"(100mm) ±1.6% liquid filled ANSI/ASME Grade 1A ±1% dry ANSI/ASME Grade 2A
- 2.5"(63mm) ± 2 % ANSI/ASME Grade B 4"(100mm) & 6"(150mm) ±1% liquid filled

- 0-5000 psi/bar
- 0-10000 psi/bar
- 0-5000 psi/bar & transmitter
- 0-10000 psi/bar & transmitter
- Liquid filled
- Seal fill is oil, approved for food service
- 1/4" NPT, standard ranges from 0/15 psi to 0/600 psi 1/2" NPT, standard ranges from 0/1000 psi to

0/10000 psi

- Supplied with an NIST traceable test certificate certifying the accuracy of the gauge. The pointer is an aluminum, anodized black, micrometer adjustable, knife edge.
- Standard ranges from Vacuum to 15000 psi
- Liquid fill is glycerin, (silicone and florolube are optional)
- Plexiglass lens

- ANSI/ASME Grade 1A
- 30"-0-120 psi (retard 250) 30"-0-300 psi
- 0-500 psi
- Recalibrator bar is standard
- Restrictor screw is standard
- Lens is plexiglass or glass



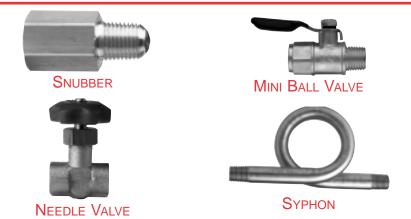
WINTERS PRESSURE GAUGES

OXYGEN CLEANING AVAILABLE Panel Mounted Economy Ammonia Measurement of pressure media in Measurement of pressure media in food Ammonia Gauges are widely used in food processing equipment, beverage processing equipment, beverage the refrigeration industry where they dispensers & pharmaceutical dispensers & pharmaceutical applications. provide reliable service. applications - 1 ½" (40mm), 2" (50mm) $2^{1/2}$ "(63mm), 4"(100mm), 6"(150mm), 8"(200mm) & $1^{1/2}$ " (40mm), 2" (50mm), 2 ½" (63mm) or 4" (100mm) & 2 ½" (63mm) 10"(250mm) Black steel case with u-clamp Steel or plastic case AISI 304 stainless steel and aluminum or steel Brass Brass Premium - 316 stainless steel Quality - stainless steel Economy - stainless steel tube & nickel plated socket 1/8" or 1/4" NPT Bottom, Back or 1/4" or 1/8" NPT Back Premium - 1/4" NPT or 1/2" NPT Centre Back Quality - 1/4" NPT Economy - 1/4" NPT Premium - $\pm 0.5\%$ to $\pm 1.0\%$ ±3% - 2% - 3% ±3% - 2% - 3% ANSI/ASME Grade A & 1A ANSI/ASME Grade B ANSI/ASME Grade B Quality - ±1% **ÅNSI/ÅSME Grade 1A** Economy - ±1% to ±2% ANSI/ASME Grade 1A or B **Standard Ranges from Standard Ranges from** 30-0-150 psi/F 30" Hg Vacuum /kPa to 30" Hg Vacuum /kPa to 30-0-300 psi/F 0-5000 psi/kPa 0-300 psi/kPa 2" & 4" available in bottom or back connections Front flange is available Plexiglass lens Ambient temperature is -13F to 149 F (-25C to 65C) Stainless steel case available Stainless steel ring around acrylic lens Lead free construction is available Glass lens is optional



WINTERS ACCESSORIES





Diaphragm Seals

FEATURES:

- Stainless steel diaphragms (insulators) available in 1 or 2 piece construction
- ♦ Various connections (¹/₄", ¹/₂", ³/₄", 1", etc.)
- ♦ Flanged and In-line, also, available
- Assorted types of materials available (e.g. Monel, Hastelloy B & C, Titanium, etc.)
- Plastic diaphragm seals
- Viton diaphragm seals available for very low pressure applications

PRESSURE RANGES:

30" vacuum up to 6000 psi/kpa (Other ranges available upon request)

APPLICATIONS:

Any application where the process fluid is corrosive or is viscous and would solidify within the pressure gauge, or pressure transmitter.

#20 SANITARY SEAL

Meets the requirements of dairy, food, beverage, chemical and pharmaceutical industries. When the #20 Sanitary Seal is attached to an all stainless steel construction pressure gauge, the unit becomes completely sanitary, making it impossible for bacteria to form and contaminate the process product. This unit is 3A designated for all sanitary applications.

Accessories

SNUBBER - Utilized to dampen fluctuating or shock pressures. (available in stainless steel or brass) and used commonly in process applications (¹/₄" or ¹/₂" NPT, F x M). (s/steel snubber - up to 20,000 psi/kpa)

NEEDLE VALVE - Commonly used to control flow. Stainless steel or brass, 1/4" NPT F x F.

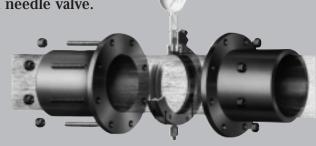
MINI BALL VALVE - Economical and practical solution utilized as an isolation valve. Stainless steel or brass material 1/4" NPT. F x M.

SYPHON - Stainless steel or steel coil, 1/4" or 1/2" NPT. Most common application is to reduce media temperature.

Other pressure gauge options available including: safety case, maximum adjustable pointer, micrometer adjustable pointer, over and under stops, stainless steel tags, red secondary pointer, etc..

INSTRUMENTATION INSOLATION RING

In many biotechnology applications, the instrumentation ring isolates the gauge/switch from solids in process flow to assure accurate pressure reading, while maintaining absolute cleanability and sterility. Easy removal of gauge or switch for calibration, repair or replacement without interrupting process flow. Virtually clog free, utilizing built-in threaded needle valve.





	WINTERS ELECTRONIC SERIES 1953						
	(CE	R	(E) (R) (R) (R) (R) (R) (R) (R) (R) (R) (R			
	STC Series	HT Series	3A RTD	STP Series			
RAPLICATIONS	Food & beverage, Liquid level Processing, Pharmaceutical, Dairy & Sanitary pipelines	Homogenizers, Slurries and Viscous Environments	Utilized in food, dairy, beverage, pharmaceutical & chemical processing.	 Food & Beverage Processing. Dairy, Pharmaceutical, Cosmetics & Testing Applications 			
CHARLA	4-20mA (Other outputs available)	 4-20mA (Other outputs available) 	 4-20 mA (Other outputs available) 	 4-20 mA, 2 wire (Other outputs available) 			
CONNECTOR	 1/2" NPT conduit fitting and strain relief with 15'(4.5m) shielded cable 	20 foot (6m) Belden 9536,6 conductor	 3 wire construction pt 100 DIW ±0.12℃ at 0 ℃ œ =0.00385, platinum 	- 20 foot (6m) Belden 9536, 6 conductor			
HOUSING.	- 316 stainless steel	– 316 stainless steel	Polypropylene and stainless steel heads	– 316 welded stainless steel			
WEITHOUSE THOUSE THOOF	 1½" (40mm) Tri-Clamp® 2" (50mm) Tri-Clamp® 	 316 stainless steel 15-5 PH 316 stainless steel (wetted) 	 1 1/2", 2", 2 1/2", 3" Tri-Clamp®, 316 stainless steel 2 1/2", 4", 6" stainless steel probe (1/4" diameter) 	- 316 stainless steel, 1½"(40mm) & 2"(50mm) Tri-Clamp®			
CURACA	- ± 0.20% full scale	– ±0.5% full scale	High accuracy, 3 wire construction	– ±0.5% full scale			
PROOF	 Varies with range 	– 3X full scale (22,500 psi)	– N/A	- 2X full scale			
SURSI	 Varies with range 	– 5X full scale (23,000) psi	– N/A	- 3X full scale			
RANCE	Standard ranges from0-1 psi to 0-1000 psi/kPa	 Standard ranges from 0-100 psi to 0-1000 psi 	58 °F- 390 °F (-50 °C- 200 °C)	- Standard ranges from 75" H2O to 2000" H2O & 0- 3psi to 0- 1000 psi			
BURST RANGE OTHER	 Meets 3A standards Designed for Clean-in-Place and Steam-in-Place Insensitive to thermal shock 	 Utilized in demanding industrial environments Compatible with all systems NEMA 4X rated 	Installed and Calibrated4-20mATransmitter available	NEMA4X(IP65)RFI Protection			

WINTERS ELECTRONIC SERIES

1953



PAICATION SALVATION SA

HOUSING

SCOTION ACCURACE

PROOF

BURST

RANCH

SPECS



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		Bi-Metal	Retort 9IT		Sanitary Wells		Thermowells
ADDICATIONS	=	All types of industrial applications Food applications	 Retort thermometers utilized in food / canning applications 	=	Designed specifically for the sanitary requirements of the food and dairy industry.	ind all	nters offers a full line of lustrial thermowells to meet of your requirements from metals to 9IT thermometers
DIAL STA	-	1"(25mm) & 2"(50mm) back connection 3"(75mm), 4"(100mm) & 5"(125mm) back, bottom & adjustable angle connection	9"(228mm) Aluminum CaseGlass lens	-	316 Stainless steel	=	Materials include: Carbon Steel, Brass, 304 & 306 stainless steel, Titanium, & Alloy 20 Other materials are available
LEN STEAM	=	2.5"(63mm), 4"(100mm) 5"(125mm), 6"(150mm) 9"(225mm) & 12"(300mm) - other stem lengths available	- 3 ½" (75mm) - 6" (150mm)	-	2.5"(63mm), 4"(100mm), 6"(150mm) & 9"(225mm) Over 9" Available	=	All standard/custom lengths are available.
CONNECTION	-	1/4" NPT on 2"(50mm) dial, 1/2" NPT on 3"(90mm), 4" (100mm) & 5"(125mm) dials	 3/4" NPT brass separable socket 	-	All wells have a ½" NPT thermometer connection & a 1.5"(40mm) Tri-clamp [®] or 2"(50mm) Tri-clamp [®]	- - -	3/4" NPT 1/2" NPT Other thread sizes are available
ACCURACY.	_	±1.0% - 1.5% FS	– ±1% accuracy	=	N/A	=	N/A
PRANCES PROPERTY.	-	Standard ranges from -100 / 150 °F (-70 / 70 °C) to 200 / 1000 °F (100/540 °C)	 170 / 270 F&P Retort Standard ranges from -40 / 110 °F (-40 / 40 °C) to 30 / 300 °F (0 / 150 °C) 80 / 135 C/kg 	-	N/A	-	N/A
OTHER SPECS	-	Stainless steel case and stem An acrylic or Lexan lens is available for food applications Hermetically sealed construction	 Dual scale (°F / °C) standard Fully adjustable Organic liquid filled tube Other sockets available 	-	Lengths to fit all standard bimetal thermometers.	_	Allows for the creation of a sealed system. Thermometer can be removed from a system with out a shutdown.



WINTERS THERMOMETERS

Long Stem Remote Reading Laboratory **Hydrometers** Designed specifically for Laboratories, quality control Designed to measure the **Industrial applications where** percentage of alcohol content for sanitary requirements of the departments and miscellaneous an inexpensive remote temperspirits or beer. Manufactured in food and dairy industry. tests. Petroleum Industry wide ature indication is required. accordance with guidelines set by (e.g. freezer) copper dip case & refill). Revenue Canada and are certifiable Ring or button top cases Soda Glass 4 1/2"(115mm) 2"(50mm) AISI 304 stainless Aluminum case painted available 2 ½"(63mm), 3 ½"(90mm), Armour cases available in black $4"(100mm), 4^{1/2}"(115mm),$ Aluminum or chrome plated 6"(150mm) & 8"(200mm) stainless steel. Stem length: 12"(30.48cm) 5"(125mm) up to **Various** 5ft. (1.5m) Standard length to 48"(122cm) 20"(500mm) Max. length is 100ft. all stems are AISI stainless steel None, bulb only Brass union bulb N/A N/A ¹/₂" or ³/₄" available in brass union, st/st union. brass thermowell, st/st thermowell ± 1% full scale $\pm 0.1\%$ to $\pm 1.5\%$ Alcohol hydrometer's ±0.5% accuracy Gas actuated accuracy is ± 0.2 of ±3% accuracy Vapour actuated full scale 40/220 °F Various temperature ranges +68 °F (+20 °C) Ambient Standard ranges available are available +176 °F (+80 °C) Max 0/300 °F in °F, °C, F/C scales 80/300 °F +32 (0 °C) Min 200/400 °F Bulb shot poised, sealed Gas actuated heavy-duty Lab thermometers are available 1/2"(12.7mm) x 6"(150mm) in every configuration from the most basic general use thermometer to the most specialized A.S.T.M or fractional movement system. bulb is standard with specially formulated Wood handle Numerous options including wax. Shatter-resistant plexiglass armour, duct flanges, compensated capillary, etc. degree thermometer.

ARRICANON.

-CASK

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TEMPER OF

OTATERSA

THE BEST WARRANTY IN THE INDUSTRY, PERIOD.

5 YEAR WARRANTY

(WINTERS PREMIUM SERIES PRESSURE GAUGES)

3 YEAR WARRANTY

(WINTERS QUALITY SERIES PRESSURE GAUGES)

1 YEAR WARRANTY

(WINTERS ECONOMY SERIES PRESSURE GAUGES AND ALL OF OUR OTHER PRODUCT OFFERINGS INCLUDING; THERMOMETERS, ELECTRONIC PRODUCTS AND RELATED ACCESSORIES)

Winters Instruments' products are warranted for a stated period of time (see above) after date of purchase against manufacturing and materials defects. Any product which is found by Winters to be defective will be replaced at Winters discretion. Winters product warranty does not cover product defects resulting from improper product selection, misuse or misapplication EXCEPT AS SPECIFICALLY SET FORTH IN THIS WARRANTY. WINTERS INSTRUMENTS MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, WHETHER EXPRESSED OR IMPLIED, TO PURCHASER OR ANY OTHER PERSON WITH RESPECT TO ANY OF THE PRODUCTS. WITHOUT LIMITING THE GENERALITY OF THE PRECEDING SENTENCE, WINTERS INSTRUMENTS DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Any liability from Winters to Purchaser or any other person or entity pursuant to this Warranty, whether for a claim in tort, for breach of contract or otherwise, shall not exceed the purchase price of the Product giving rise to such liability. Winters shall in no event have any liability to Purchaser or any other person or entity for any consequential, indirect, punitive or special damages (including, without limitation, lost profits) pursuant to this Warranty or pursuant to its sale of the Products, even if the possibility of such damages could have been foreseen by Winters Instruments.

Winters Remote
Reading
Thermometer
Built in 1969
Serviced in 2001
Still in service today.

Quality Control Manager



Why E-commerce in the Sanitary Industry?

CONVENIENCE: You can place an order 24 hours a day, seven days a week, 365 days a year

from any location with a computer and a connection to the internet, including

work, home, an internet café or library.

FAST: Web orders arrive at Winters seconds after they are confirmed. The orders

> are automatically entered into the inventory system and are then doubled checked for accuracy by a Winters representative decreasing the overall

processing time.

SEARCHABLE: The database search allows you to quickly find a product, including many

custom products that can only be found via the search, and then place the

order in seconds.

CURRENT: The website is always up to date with new products, and current pricing.

In-house systems can become out of date, and/or cumbersome to maintain

current pricing and products.

CHECK STOCK: Check availability of products in real time, and receive an estimated

shipping date.

ORDER BY The ability to order by product code from the main page or from PRODUCT CODE:

within the shopping cart creates a fast and convenient way to place an

order. You can also order by selecting a code from any "Product Code Chart".

(3A Sanitary Pressure Gauge)

OPTIONS/ Easily add options/accessories from the accessories page or by code. There **ACCESSORIES:**

is a special instructions area on the checkout page where a customer can match options to products. Pharmaceutical news including current headlines

is available.

ORDER HISTORY: The online Order History is sorted by date, and is useful for:

) Tracking orders by account

• Quick and easy re-ordering, allowing for amount changes and the

addition or removal of products from the shopping cart.

It is accessable from any computer that has Internet access

CONFIRMATION: After placing an order through www.winters.ca, a confirmation with the following information is sent to the customer:

> Winters internal order number, so any questions you have about the order can quickly be addressed.

The shipping address.

The customers P.O. number.

▶ Product codes, Quantity, List Price, Net Price and Totals.

An estimated Shipping Cost and Weight.

Any Special Instructions for the order.

The confirmation is an appropriate reference to use as a hard copy Purchase Order.

Corporate Office:

121 Railside Road Toronto, Ontario Canada M3A 1B2 Tel: (416) 444-2345 Fax: (416) 444-8979 1-800-WINTERS (946-8377)

E-MAIL: sales@winters.ca



U.S.A. Office:

600 Ensminger Road Buffalo, New York 14150

Tel: (716) 874-8700 Fax: (716) 874-8800 1-800-WINTERS

(946-8377)

E-MAIL: usasales@winters.ca

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