



*We're There.*



# Instrument Valves

## More Than Just Pressure Gauges and Thermometers

Winters valves allow for the isolation of process instrumentation facilitating quick replacement without shutting down the process. These valves are available in carbon steel or stainless steel (NACE or non-NACE) for high pressure applications (up to 10,000 psi), brass or lead free brass for low pressure (up to 400 psi) applications.



### NVA Needle Valve (Straight Body, Hard Seat)

The one-piece body construction provides strength and safety while the slow opening handle prevents sudden pressure surge. The hard seat provides durability against high flow/velocity and corrosive media.

<b>Body</b>	Carbon steel, carbon steel NACE tip, stainless steel or stainless steel NACE
<b>Connections</b>	1/4", 3/8", 1/2", 3/4" or 1" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) or 10,000 psi (68,947 kPa)
<b>Needle/Needle Tip</b>	Stainless steel or stainless steel NACE
<b>Gland Packing</b>	PTFE/Graphite (Graphite used for high temperature applications)
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### NVA Needle Valve (Angle Body, Hard Seat)

The one-piece body construction provides strength and safety while the slow opening handle prevents sudden pressure surge. The hard seat provides durability against high flow/velocity and corrosive media.

<b>Body</b>	Stainless steel or stainless steel NACE
<b>Connections</b>	1/4", 3/8", 1/2", 3/4" or 1" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) or 10,000 psi (68,947 kPa)
<b>Needle/Needle Tip</b>	Stainless steel or stainless steel NACE
<b>Gland Packing</b>	PTFE/Graphite (Graphite used for high temperature applications)
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### NVA Needle Valve (Multiport)

The multiport design allows for up to 3 instrument connections, reducing the number of connections to permanent piping installations, decreasing possible leak paths. **Bleed screw and plugs not included.**

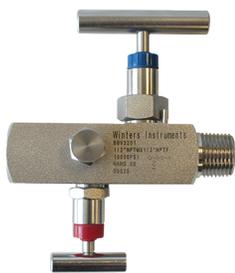
<b>Body</b>	Carbon steel, stainless steel or stainless steel NACE
<b>Connections</b>	1/2" or 3/4" NPTM x NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) (soft seat) or 10,000 psi (68,947 kPa) (hard seat)
<b>Needle/Needle Tip</b>	Stainless steel or stainless steel NACE
<b>Stem O-ring</b>	FKM
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### BBV Block & Bleed Valve Single Handle

The block & bleed design allows media to be bled off without disturbing the permanent piping installation, allowing safe and easy removal or replacement of instruments.

<b>Body</b>	Carbon steel or stainless steel
<b>Connections</b>	1/4" or 1/2" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) (soft seat) or 10,000 psi (68,947 kPa) (hard seat)
<b>Needle/Needle Tip</b>	Stainless steel
<b>Stem O-ring</b>	FKM
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### BBV Block & Bleed Valve Two Handles

The two handle block & bleed valve allows controlled media bleed off without disturbing the permanent piping installation, allowing safe and easy removal or replacement of instruments.

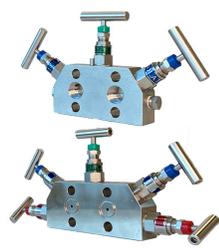
<b>Body</b>	Carbon steel, stainless steel or stainless steel NACE
<b>Connections</b>	1/4", 1/2" or 3/4" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) (soft seat) or 10,000 psi (68,947 kPa) (hard seat)
<b>Needle/Needle Tip</b>	Stainless steel or stainless steel NACE
<b>Stem O-rings</b>	FKM
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### BBV Double Block & Bleed Valve

The Double Block & Bleed Valve offers redundant closure for critical applications and controlled media bleed off, enabling instruments to be removed without disturbing the permanent piping installation.

<b>Body</b>	Stainless steel or stainless steel NACE
<b>Connections</b>	1/4", 1/2" or 3/4" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	10,000 psi (68,947 kPa)
<b>Needle/Needle Tip</b>	Stainless steel or stainless steel NACE
<b>Stem O-rings</b>	FKM
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating



### MVA 3 & 5 Handle Manifold

Manifold valves are designed to be perfectly installed with Winters LY36 Series differential transmitter and are critical in process and industrial environments for the enabling of shut-downs for the testing, repair and upgrading of instruments

<b>Body</b>	Stainless Steel
<b>Connections</b>	1/2" NPTF x 1/2" NPTF
<b>Pressure</b>	6,000 psi (41,368 kPa) (hard seat)
<b>Needle / Needle Tip</b>	Stainless Steel
<b>Stem O-rings</b>	PTFE/Graphite (Graphite is used for high temperature applications)

### SMV/SMV-LF Mini Ball Valve\*/Lead Free Mini Ball Valve\*

An economical isolation ball valve for pressure gauges and transmitters. The ball valves provide flow control for any non-corrosive applications. A lead free version is available for use on potable water.



<b>Body</b>	#59-1 forged brass or lead free forged brass
<b>Connections</b>	1/4" NPTM x NPTF or NPTF x NPTF
<b>Pressure</b>	400 psi (2,758 kPa)
<b>Gaskets</b>	PTFE
<b>Ball</b>	Stainless steel
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating

### SNV/SNV-LF Needle Valve\*/Lead Free Needle Valve\*

An economical isolation needle valve for pressure gauges and transmitters. Provides precision flow control for any non-corrosive applications. A lead free version is available for use on potable water.



<b>Body</b>	#59-1 forged brass or lead free forged brass
<b>Connections</b>	1/4" NPTF x NPTF
<b>Pressure</b>	400 psi (2,758 kPa)
<b>O-ring</b>	Rubber
<b>Shaft</b>	#59-1 brass or lead free brass
<b>Approvals</b>	CRN registered, burst pressure safety tested at 4 times valve rating

\* **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# WINTERS INSTRUMENTS

MANUFACTURER OF INDUSTRIAL INSTRUMENTATION



**Winters Instruments is a global manufacturer of premium quality pressure and temperature instrumentation, with distribution partners in over 90 countries. Please contact us for your nearest Regional Manager.**

**Corporate - Canada**  
Winters Instruments  
121 Railside Road  
Toronto, Ontario  
M3A 1B2  
Tel: 416-444-2345  
1-800-WINTERS  
Fax: 416-444-8979  
sales@winters.com

**Canada - Calgary**  
Winters Instruments  
2410D 2nd Avenue SE  
Calgary, Alberta  
T2E 6J9  
Tel: 403-723-6645  
1-800-WINTERS  
Fax: 403-723-6647  
calgary@winters.com

**USA - Houston**  
Winters Instruments  
5400 W. Sam Houston Pkwy N.  
Houston, Texas  
77041  
Tel: 281-880-8607  
1-800-WINTERS  
Fax: 281-880-8614  
usasales@winters.com

**USA - Buffalo**  
Winters Instruments  
Airport Commerce Park  
455 Cayuga Rd., Suite 650  
Buffalo, New York  
14225  
Tel: 716-874-8700  
1-800-WINTERS  
Fax: 716-874-8800  
usasales@winters.com

**Asia - Shanghai**  
Winters Instruments  
Shanghai WitHub Hi-Tech  
Business Center Suite 308  
No. 333 Hongqiao Road  
Shanghai 200030 China  
Tel: 86-21-6104-2610  
Fax: 86-21-6104-2615  
asiasales@winters.com  
www.wintersasia.com

**Latin America**  
Winters Instruments  
Lamadrid 121  
Los Troncos del Talar, B1608CEC  
Buenos Aires, Argentina  
Tel: 54-11-4715-3036  
latinsales@winters.com  
www.winters.com.ar

**United Kingdom - Northampton**  
Winters Instruments  
Unit, 4B Kingsfield Cl,  
Northampton,  
NN5 7QS  
Tel: 44-0-1604-434826  
emeasales@winters.com  
www.winters.com

**Europe - Middle East - Africa**  
Winters Instruments  
Dubai Airport Free Zone  
6WB G50  
Dubai, United Arab Emirates  
Tel: 971-4295-9177  
Fax: 971-4295-9177  
emeasales@winters.com



Distributed by: