TRUEWAY

Thriving For Excellence

VALVE MANIFOLD

MODEL CHART









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INTRODUCTION

- TRUEWAY Valve Manifolds are multiport valves suitable for high pressure requirements. They are used in Instrumentation Industry for measurement purpose mostly used with Transmitters & Gauges. They are available in various types as 2, 3 or 5 Valve Manifolds. Trueway Valve Manifolds are manufactured in various Material grads as Stainless Steel, Hastelloy, Inconel, Monel, Brass, PTFE, CS etc.

FEATURES

- 100% Factory Tested for guaranteed performance Suitable for High Pressure Gases, Liquids & Vacuum
- Valve Manifolds are Type Tested as per MSS-SP-99-2016A

PRODUCT RANGE

- 2 VALVE MANIFOLD R TYPE (2VMR)
- 2 VALVE MANIFOLD T TYPE (2VMT)
- 3 VALVE MANIFOLD R TYPE (3VMR)
- 3 VALVE MANIFOLD T TYPE (3VMT)
- 5 VALVE MANIFOLD R TYPE (5VMR)
- 5 VALVE MANIFOLD T TYPE (5VMT)
- 3 VALVE MANIFOLD H TYPE (3VMH)

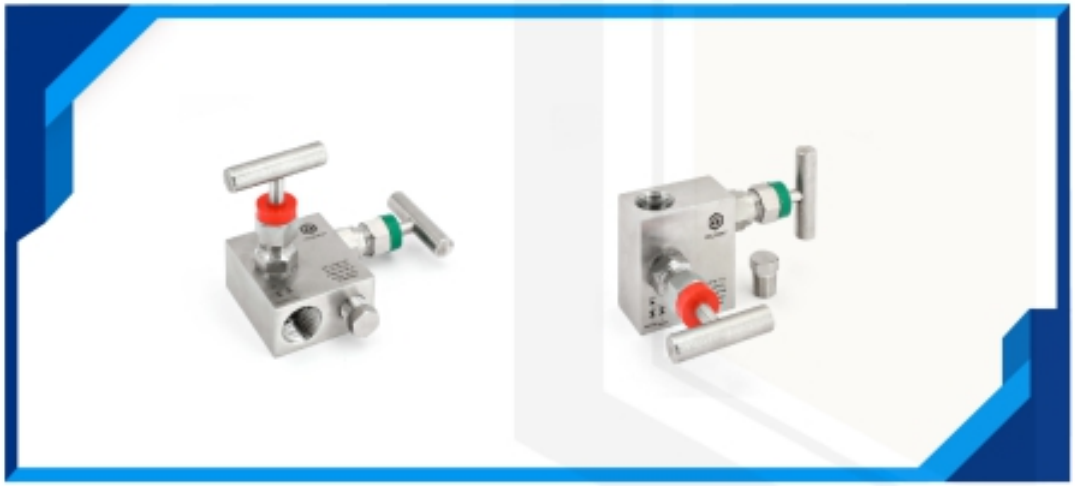
INDUSTRIES SERVE

- Instrumentation
- Chemicals
- Oil & Gas
- Hydraulics
- Power
- Steel
- Fertilizers
- Petrochemicals
- Pharmaceuticals

2 Valve Manifold R Type (2VMR)

Model Selection Chart

NPT (Female) x NPT (Female)				
Sr. No.	Inlet Thread Type NPT Female	Outlet Thread type NPT Female	Drain with Plug Thread type NPT Female	Model No. For MOC: SS316
1	1/2"	1/2"	1/4"	SS-2VMR-8F-8F-4F
2	1/2"	1/2"	1/2"	SS-2VMR-8F-8F-8F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

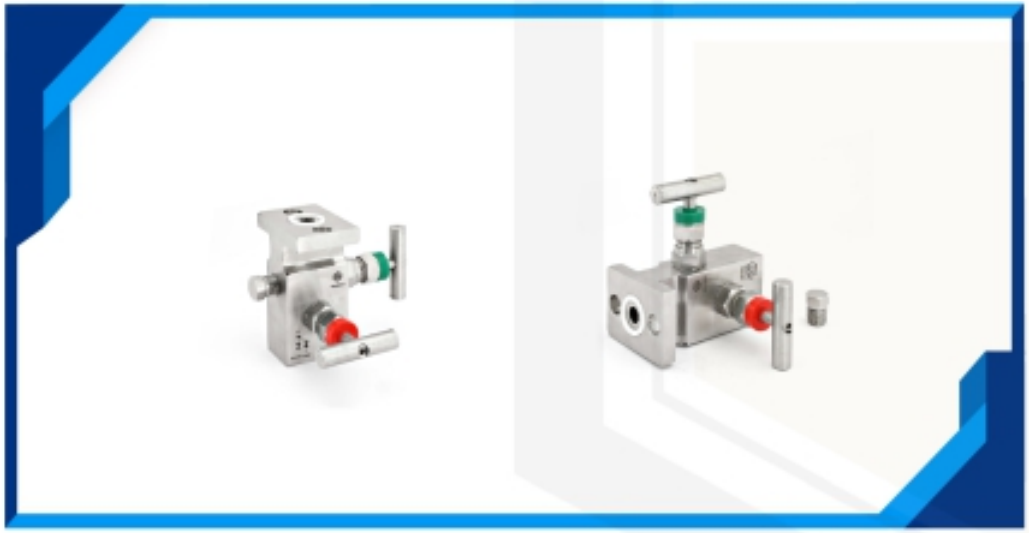
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2 Valve Manifold T Type (2VMT)

Model Selection Chart

NPT (Female) x Transmitter Flange				
Sr. No.	Inlet Thread Type NPT Female	Outlet Transmitter Flange	Drain with Plug Thread type NPT Female	Model No. For MOC: SS316
1	1/2"	TF	1/4"	SS-2VMT-8F-TF-4F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.
Accessories: 2 Nos. 5/16" UNF Bolts & 1 No. PTFE Seal Ring

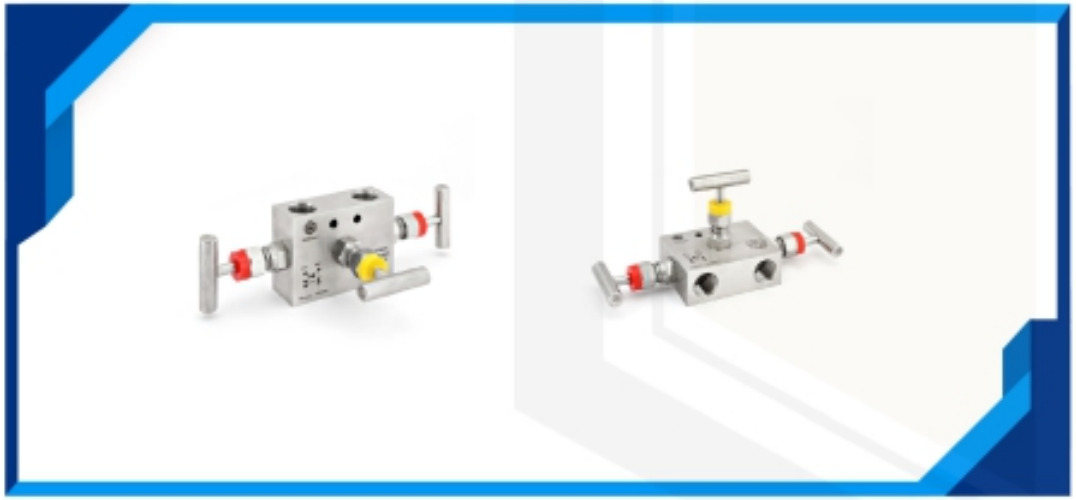
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3 Valve Manifold R Type (3VMR)

Model Selection Chart

NPT (Female) x NPT (Female)			
Sr. No.	**Inlet Thread Type NPT Female**	**Outlet Thread type NPT Female**	**Model No. For MOC: SS316**
1	1/2"	1/2"	SS-3VMR-8F-8F



Material Grade Selection Chart

For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

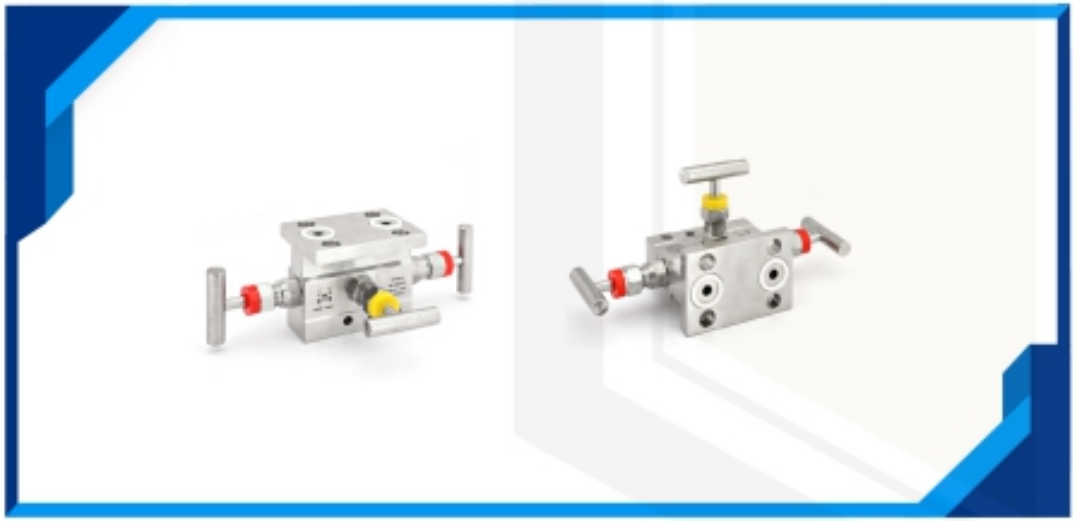
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3 Valve Manifold T Type (3VMT)

Model Selection Chart

NPT (Female) x Transmitter Flange				
Sr. No.	Inlet Thread Type NPT Female	Outlet Transmitter Flange	Drain with Plug Thread type NPT Female	Model No. For MOC: SS316
1	1/2"	TF	NA	SS-3VMT-8F-TF
2	1/2"	TF	1/4"	SS-3VMT-8F-TF-4F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
PTFE	T
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.
Accessories: 4 Nos. 5/16" UNF Bolts & 2 No. PTFE Seal Ring

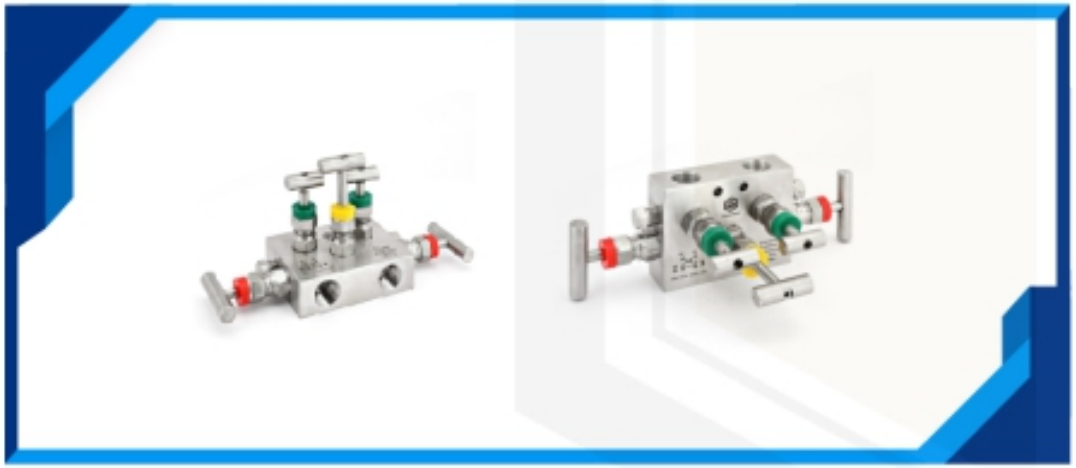
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5 Valve Manifold R Type (5VMR)

Model Selection Chart

NPT (Female) x NPT (Female)				
Sr. No.	Inlet Thread Type NPT Female	Outlet Thread type NPT Female	Drain with Plug Thread type NPT Female	Model No. For MOC: SS316
1	1/2"	1/2"	1/4"	SS-5VMR-8F-8F-4F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.

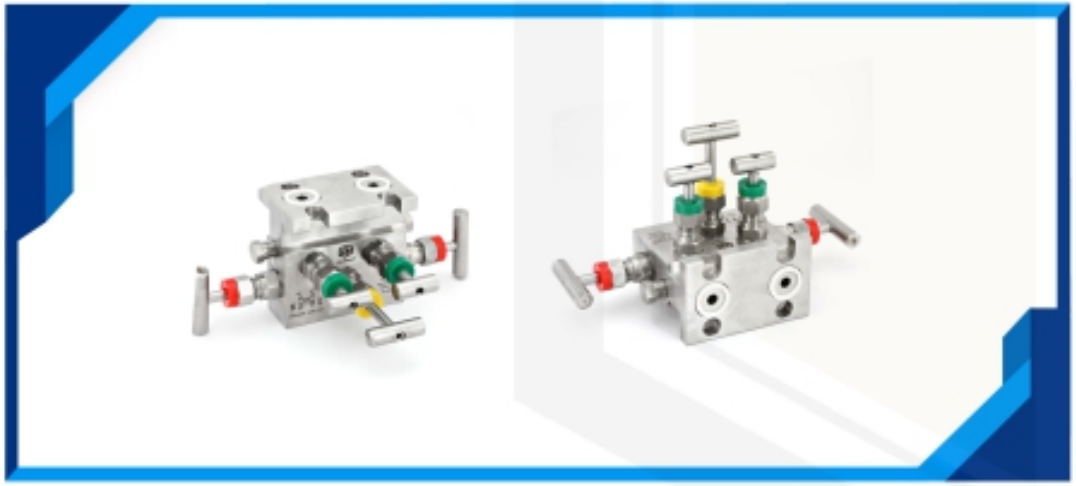
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5 Valve Manifold T Type (5VMT)

Model Selection Chart

NPT (Female) x Transmitter Flange				
Sr. No.	Inlet Thread Type NPT Female	Outlet Transmitter Flange	Drain with PlugThread type NPT Female	Model No. For MOC: SS316
1	1/2"	TF	1/4"	SS-5VMT-8F-TF-4F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
Carbon Steel	CS

Note: Above Model Nos. are for NPT Threads. For BSP Threads Add -B & for BSPT Threads add -BT at end of Model Nos.
Accessories: 4 Nos. 5/16" UNF Bolts & 2 No. PTFE Seal Ring

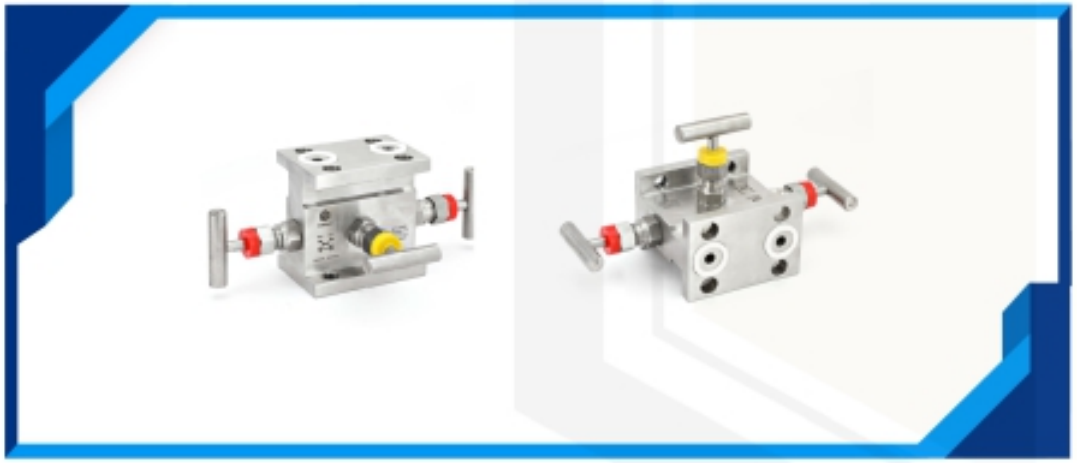
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3 Valve Manifold H Type (3VMH)

Model Selection Chart

NPT (Female) x Transmitter Flange				
Sr. No.	Inlet Transmitter Flange	Outlet Transmitter Flange	Drain with Plug Thread type NPT Female	Model No. For MOC: SS316
1	TF	TF	NA	SS-3VMH-TF-TF
2	TF	TF	1/4"	SS-3VMH-TF-TF-4F



Material Grade Selection Chart	
For following Material Grade (MOC)	Replace First Two Letters of Model No. with following
SS316L	SSL
SS304	S4
SS304L	S4L
Brass	B
Alloy 400	ML
Alloy 600	INC
Alloy C276	HC
Carbon Steel	CS
Accessories: 4 Nos. 5/16" UNF Bolts & 2 No. PTFE Seal Ring	

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HOW TO ORDER VALVE MANIFOLD

To Order: 3 Valve Manifold 1/2" NPT Female X Transmitter Flange SS316

Trueway Model No. : SS - 3VMT - 8F -TF

SS — **3VMT** — **8F** — **TF**

MATERIAL GRADE

MATERIAL GRADE	MOC (*)
SS 316	SS
SS316L	SSL
Ss304	S4
SS 304L	S4L
BRASS	B
ALLOY400	ML
ALLOY600	INC
ALLOY276	HC
PTFE	T
CARBON SYEEL	CS

ITEM DESIGNATOR

PIPE THREAD TYPE & SIZE

SIZE(METRIC)	MPT (*) MALE	FPT (*) FEMALE	PSW (*)FOR INCH	PBW (*)FOR INCH
1/16 INCH	1M	1F	-	-
1/8 INCH	2M	2F	2SW	2BW
1/4 INCH	4M	4F	4SW	4BW
3/8 INCH	6MM	6F	6SW	6BW
1/2 INCH	8M	8F	8SW	8BW
3/4 INCH	12M	12F	12SW	12BW
1 INCH	16M	16F	16SW	16BW
1-1/4 INCH	20M	20F	20SW	20BW
1-1/2 INCH	24M	24F	24SW	24BW
2 INCH	32M	32F	32SW	32BW

Note: Above are NPT Threads. I For BSP Add -B & for BSPT add -BT at end.

TRANSMITTER FLANGE

Terms Used

- "*" : Designator Code
- "MM" : Milli Meter
- "TOD" : Tube Outer Diameter
- "TPE" : Tube Plain End
- "MPT" : Male Pipe Thread (NPT)
- "FPT" : Female Pipe Thread (NPT)
- "PSW" : Pipe Socket Weld
- "PBW" : Pipe Butt Weld

General Terms Used

- OD : Outer Diameter of Tub
- NPT : National Pipe Threads
- BSP : British Standard Pipe Threads
- BSPT : British Standard Taper Threads
- NACE : National Association of Corrosion Engineers
- SW : Socket Weld
- BW : Butt Weld
- psi : Pounds per Square Inch

- Dust Cap Colour Coding
- For Needle & Manifold Valves



INHOUSE TEST FACILITIES AT TRUEWAY

- Hydro Pressure Test up to 20000 psi
- Pneumatic Test up to 2000 psi
- Impulse Testing Fro, 0 to 6000 psi
- Rotary Flex Test
- Flexure Fatigue Test
- Tensile Test for Tube Fittings
- Vibration Test
- Vacuum Test
- Temperature Cycling Test

TRUEWAY TUBE FITTINGS HAS BEEN TESTED & APPROVED AS PER ASTM F 1387-99 (2005)

Availability & applicable standards for Threads offered

- **American National Pipe Thread (NPT) :** ANSI B1.20.1
- **ISO Parallel Pipe Thread (British Standard Pipe Thread) :** BS 2779, ISO 228/1, DIN 259, JIS B 0202, IS 2643
- **ISO Taper Pipe Thread (British Standard Pipe Taper Taper Thread) :** BS 21, ISO 7/1, DIN 2999, JIS B0203, IS 554

TRUEWAY PRODUCT RANGE

- TUBE FITTINGS COMPRESSION TYPE
- INSTRUMENT PIPE FITTINGS
- NEEDLE VALVES
- BALL VALVES
- VALVE MANIFOLDS
- BLEED PLUGS
- CHECK VALVES / NON RETURN VALVES
- SAFETY / PRESSURE RELEIF VALVES
- GAUGE COCKS
- AIR HEADERS / AIR MANIFOLDS / AIR DISTRIBUTOR
- CONDENSATE POTS / CATCH POTS / SEAL POTS
- SYPHONS
- SNUBBERS
- QUICK RELEASE COUPLINGS
- SWIVEL ADAPTORS
- FLANGES
- THERMOWELLS
- SOCKET WELD & SCREWED PIPE FITTINGS
- PTFE / NYLON / PU TUBE & FITTINGS
- COPPER TUBE (BARE & WITH PVC INSULATION)
- IMPULSE TUBE / SEAMLESS PIPES
- TUBE / PIPE CLAMPS
- HOSE & HOSE FITTINGS
- GATE / GLOBE VALVES
- TOGGLE VALVES

TRUEWAY

Thriving For Excellence

PRODUCT RANGE

TUBE FITTINGS



INSTRUMENT PIPE FITTINGS



INSTRUMENT VALVES



VALVE MANIFOLDS



AIR HEADER & MANIFOLDS



CONDENSATE POTS



Instrument Flanges



SYPHONS



SNUBBERS



GAUGE COCKS



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