



**414 Model 3712 Series & 100 Series
Miniature Needle Valves**



Description

These Miniature Needle Valves are constructed of brass, stainless steel or Monel. These valves are designed for use in chemical processes, petroleum industries, laboratories and wherever accurate flow control and positive shut off is required.

Each Miniature Needle Valve is equipped with a ground and polished needle and PTFE packing. These features permit the use of these valves under slight vacuum as well as high pressure conditions.

Specifications

	3712M4B, 100S, 100L	103	3712M4Y	104
Body:	Brass	316 Stainless Steel	316 Stainless Steel	Monel
Stem:	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel	Monel
Packing:	PTFE	PTFE	PTFE	PTFE

Max. Operating Pressure : 3000 psig
 Operating Temperature: -65°F to 450°F (-54°C to 232°C)
 Shipping Weight: 1 lb

Ordering Information

	Model No.	Material	Connections		C _v
			Inlet	Outlet	
Basic Needle Valves					
Straight Pattern Valves	3712M4B	Brass	1/4" MPT	1/4" MPT	0.35
	3712M4Y	316 Stainless Steel	1/4" MPT	1/4" MPT	0.35
	100S	Brass	1/4" MPT	1/4" MPT	0.43
	100L	Brass	1/4" MPT	9/16-18 LH	0.43
	103	316 Stainless Steel	1/4" MPT	1/4" MPT	0.43
	104	Monel	1/4" MPT	1/4" MPT	0.43