

VALVES

Instrument Valves

Needle Valves



Description: Instrument valves provide good flow regulation for most applications. Valves are offered in various materials and end fittings. PTFE packing provides leak-proof performance for all applications. The maximum rated pressure for these valves is 3,000 psig at 70° F, and the temperature rating is -65° F to +450° F.

These valves are non-lubricated and are cleaned for all analytical applications.

Ordering Information

Product Number	Inlet	Outlet	Orifice	Cv	MATERIAL	
					Body	Sem
Y34-111	1/4" MNPT	1/4" MNPT	0.170	0.35	Nickel-Plated Brass	316 SS
Y34-311	1/4" MNPT	1/4" MNPT	0.140	0.27	Monel	Monel
Y34-411	1/4" MNPT	1/4" MNPT	0.140	0.27	316 SS	316 SS
Y34-118	1/4" MNPT	1/4" Compression	0.140	0.27	Nickel-Plated Brass	316 SS
Y34-418	1/4" MNPT	1/4" Compression	0.140	0.27	316 SS	316 SS

VALVES

Lecture Bottle Valves

Control Valves for Lecture Bottles



Description: Lecture bottle control valves provide an economical way of withdrawing gas from lecture bottles gas when critical flow control is not required. All valves are straight pattern and are available in brass, stainless steel, and Monel metal. Each lecture bottle control valve features a .062 orifice diameter and is equipped with a CGA 110 (5/16" – 32 MNPT) valve inlet and a Viton® O-ring.

Note: These valves are designed to be connected directly to gas cylinders. Valves control flow and DO NOT control pressure. If pressure control is required, please select one of our pressure regulators, instead.

Ordering Information

Product Number	Outlet	Orifice	Cv	MATERIAL	
				Body	Sem
Y35-123	1/4" Hose Barb	0.062	0.16	Brass	Stainless Steel
Y35-323	1/4" Hose Barb	0.062	0.16	Monel	Monel
Y35-423	1/4" Hose Barb	0.062	0.16	Stainless Steel	Stainless Steel
Y35-322	1/4" Compression	0.062	0.16	Monel	Monel
Y35-422	1/4" Compression	0.062	0.16	Stainless Steel	Stainless Steel