

Parker® Metering Valves

Don't worry about repeating flowrates

- Easily repeat flow settings with analog knob
- Choose brass for maximum temperatures to 250°F; feature Buna N O-rings
- Choose stainless steel for temperatures to 400°F; feature Viton O-rings



Max flow rate (L/min)		Connections	Orifice	Maximum pressure psi (bar)	Brass		316 SS	
Air	H ₂ O				Catalog number	Price	Cat. no.	Price
Metal metering valves with compression connections								
88	0.76	1/16" 1/8" 1/4"	0.031"	2000 (138)	GH-98450-01 GH-98450-03 GH-98450-05		GH-98450-07 GH-98450-09 GH-98450-11	
450	3.2	1/4"	0.055"	1000 (70)	GH-98450-17		GH-98450-25	
Metal metering valves with NPT(F) connections								
1600	16	1/8"	0.125"	1000 (70)	GH-98450-29		GH-98450-35	
Metal metering valves with NPT(M) connections								
1600	16	1/4"	0.125"	1000 (70)	GH-98450-33		GH-98450-39	

Cole-Parmer® PTFE Multi-Turn Needle Valves

Maintain flow control to 75 psi

- PTFE body and O-ring; CTFE valve spindle
- Max temperature of 200°F (930°C)
- Orifice is 0.125"



Max flow rate (mL/min)		Body type	Catalog number	Price
Air	H ₂ O			
Multi-turn needle valves; 1/8" NPT(F) connectors				
2400	130	Aluminum	GH-06393-70 GH-06393-60	
55,000	2800			
2400	130	316 SS	GH-06393-80 GH-06393-82	
55,000	2800			
Multi-turn needle valves; 3/8" nipple connectors				
2400	130	Aluminum	GH-06393-61 GH-06393-71	
55,000	2800			
2400	130	316 SS	GH-06393-90 GH-06393-92	
55,000	2800			
Multi-turn needle valves; connectors for 1/4" OD				
2400	130	Aluminum	GH-06393-66 GH-06393-68	
55,000	2800			
2400	130	316 SS	GH-06393-94 GH-06393-96	
55,000	2800			



Parker® Needle Valves

No leaks in process, power or instrumentation use

- All metal tapered needle stem tip
- Differential hardness between the strain hardened stem and cold formed body threads provides improved cycle life
- Panel mountable—order panel-mounting nuts separately

Specifications

Wetted parts: body, PTFE packing, stainless steel stem and packing nut

Material	Connections (tube OD)	Orifice size	C _v	Max flow rate (L/min)		Maximum pressure	Temperature range	Catalog number	Price
				Air	H ₂ O				
316 SS	1/8"	0.078"	0.12	10,000	25	5000 psig (345 bar)	450°F (232°C)	GH-06394-05	
	1/4"	0.176"	0.43	36,000	100		450°F (232°C)	GH-06394-07	
	3/8"	0.228"	0.55	60,000	180		450°F (232°C)	GH-06394-09	
	1/2"	0.312"	1.05	10,000	300		450°F (232°C)	GH-06394-11	
Brass	1/4"	0.176"	0.43	12,500	50	3000 psig (207 bar)	450°F (232°C)	GH-06394-13	
	3/8"	0.228"	0.55	35,000	140		450°F (232°C)	GH-06394-15	
	1/2"	0.312"	1.05	62,000	240		450°F (232°C)	GH-06394-17	



[GH-06394-08 Panel nut](#); for 1/4" needle valves
[GH-06394-12 Panel nut](#); for 3/8" needle valves
[GH-06394-14 Panel nut](#); for 1/2" needle valves