



Ancillary Gas Handling and Control Equipment

Sampling Cylinders

Model 4HD & 8HD Series Sampling Cylinders



Shown with optional valves

High Pressure Stainless Steel Sampling Cylinders

These sampling cylinders are suitable for handling most liquids and gases. They are ideally suited for the transportation or storage of pressurized samples. They are fabricated from stainless steel.

Applications

- Sampling hydrocarbons in refineries and petrochemical plants
- Gas sampling for chromatographic analysis
- Snubbers in reactor feed lines
- Surge accumulators in high pressure gas systems
- High vacuum systems as experimental chambers and molecular sieves

Maximum Operating Pressure

304 Stainless Steel Cylinders: 1800 psig (12,420 kPa)

Operating Temperature Range

At 1800 psig: -65°F to 100°F
(-53°C to 37°C)

Ordering Information

304 Stainless Steel - 1800 psig

Model No.	Capacity	Inlet/Outlet Connections	DOT Specification	Length	Outside Diameter	Shipping Weight
4HD75	75 ml	1/4" FPT	3E1800	5"	1-1/2"	2 lbs
4HD150	150 ml	1/4" FPT	3E1800	5-1/4"	2"	3 lbs
4HD300	300 ml	1/4" FPT	3E1800	9"	2"	4 lbs
4HD500	500 ml	1/4" FPT	3E1800	13-3/4"	2"	5 lbs
8HD1000	1000 ml	1/2" FPT	3A1800	11"	3-1/2"	9 lbs
8HD2250	2250 ml	1/2" FPT	3A1800	17-1/4"	4"	15 lbs

Options

Valves For Sampling Cylinders

Model No.	Material	Inlet/Outlet Connections	Valve Type	Service Pressure (psig)
3712M4Y	316 Stainless Steel	1/4" MPT	Needle	5000
MM4374B	316 Stainless Steel	1/4" MPT	Diaphragm	3500
104	Monel	1/4" MPT	Needle	5000
MVLV-1752-SA	316 Stainless Steel	1/2" MPT/1/2" FPT	Diaphragm	3000