

## Sample Cylinders & Shut-off Valves

# SAMPLE CYLINDERS DOT COMPLIANT

(150cc to 1000cc internal  
Volume)

MRAMCO Sample Cylinders are designed to provide a safe and reliable solution for a variety of liquid and gas storage, transportation, sampling, and analysis needs. Our sample cylinders feature seamless 316 stainless steel construction, allowing for consistent wall thickness/internal volume, and increased corrosion resistance and integrity. All cylinders have 1/4 inch Female NPT connections on each end, which integrate seamlessly with the Stainless-Steel inlet and outlet shut-off valves (optional burst discs, and relief valves available). We also provide Silonite coatings for the cylinders and the valves for resistance to H2S corrosion, this preserves the sample integrity and prolongs the cylinder life. Our valves are coated prior to assembly ensuring a total protection from H2S corrosion.



### Features

- Seamless 316 stainless steel cylinders
- Consistent wall thickness and internal volume
- 316 stainless steel inlet and outlet valves
- Optional Silonite Coating for H2S service
- Optional pressure relief devices

Cylinder is hydrostatically tested to at least 5/3 the working pressure.

### Sample Cylinders

Part Number	Material	Capacity	Pressure	Inlet	Outlet	Dimensions (H x L)		
						Height	Length	Wall Depth
KLSC150	316L SS	150	1800 psig	1/4 inch	1/4 inch	2.00 inches	4.75 inches	0.087
KLSC300	316L SS	300	1800 psig	1/4 inch	1/4 inch	2.00 inches	8.50 inches	0.087
KLSC500	316L SS	500	1800 psig	1/4 inch	1/4 inch	2.00 inches	12.63 inches	0.087
KLSC1000	316L SS	1000	1800 psig	1/4 inch	1/4 inch	2.94 inches	10.38 inches	0.087

*Every Cylinder Tested to 3000 PSI  
Burst Pressure is ~ 7000 PSI*

### Shut-off Valves

Part Number	Valve Type	Connections	
		Inlet Port	Outlet Port
314-1	Needle Valve	1/4 inch (Male NPT)	1/4 inch (Male NPT)
314-13	Needle Valve	1/4 inch (Male NPT)	1/4 inch (Female NPT)
314-1RD1900	Needle Valve with Rupture Disc	1/4 inch (Male NPT)	1/4 inch (Male NPT)
RDT-1900	Rupture Disc Tee	1/4 inch (Male NPT)	1/4 inch (Female NPT)
314-1DT1900-DT	Needle Valve w/Rupture Disc and Dip Tube	1/4 inch (Male NPT)	1/4 inch (Male NPT)
KLOT	Outage tube for 500CC		

*Laser Marking and Assembly & Pressure Test Available at an extra charge*

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