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Introduction

PANAM[®] has emerged as renowned name in Global market for 'Instrumentation Fittings & Valves'. Since its inception in 1998 to present day, **PANAM**[®] has added new product every year and has broadened its product portfolio and its clientele base by supplying to potential customers worldwide. Key core values like Timely Delivery, Quality Consistency, Product Improvisation and after sales service has been instrumental in the phase wise evolution of company. Continuous improvement is the key to success, Customer feedback are taken with positive attitude and product are constantly groomed to a new quality and performance level to cope up with the competition. Our products are known for providing high-quality, high-reliability, low-cost options for the oil and gas industry. Over the year, the company has evolved from a product based company to a complete system solution provider. Over the coming years the entity of the company will attain state of the art operational efficiency for maintaining a competitive edge, with the advent increase in the utilization of its products in oil, gas and power sector.

PANAM[®] is having state of the art manufacturing facility span over an area of 65,000 sqft with a fleet of CNC machines, VMC machines, Semi-Automatic Lathe machines, High pressure test bench with SCADA control, Configuration centre for transmitters and dedicated R&D Team.

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Features

- Capacities from 40 cm³ to 3785 cm³ (1 gal)
- Working pressures up to 5000 psig (344 bar)
- SS 304L, SS 316L and alloy 400
- Connection Sizes:- 1/8", 1/4" and 1/2" NPT Female
- Connection Type:- Single-Ended and Double-Ended
- Body made of seamless tubing provides consistent wall thickness, size, and capacity Cold-formed female NPT thread to provide high strength

Pressure & Temperature Ratings

Material	SS 316	SS316L, SS 304L	Alloy 400	SS 304L
Temperature °F (°C)	Working Pressure psi (bar)			
-65 (-53) to 100 (37)	5000 (344)	1800 (124.0)	1800 (124)	
200 (93)	3960 (272)	1360 (93.7)	1580 (108)	
300 (148)	3570 (245)	1230 (84.7)	1490 (102)	
400 (204)	3290 (226)	1130 (77.8)	1430 (98.5)	
500 (260)	3060 (210)	1050 (72.3)	1420 (97.8)	500 (24 4)
600 (315)	2920 (201)	1000 (68.9)		500 (34.4)
650 (343)	2870 (197)	980 (67.5)		
700 (371)	2810 (193)	970 (66.8)		
750 (398)	2750 (189)	950 (65.4)	1410 (97.1)	
800 (426)	2700 (186)	930 (64.0)	-	
850 (454)	2640 (181)	-	-	

Testing

All single-ended Cylinders are hadrostatically tested at 1000 psi (69 bar) All double-ended Cylinders are hydrostatically tested to at least 5/3 times the working pressure.

Cleaning and Packaging

All **PANAM**[®] Sample Cylinders and Cylinder Valves are cleaned and packaged in accordance with **PANAM**[®] Standard cleaning and packaging (PWI/5.7/21)

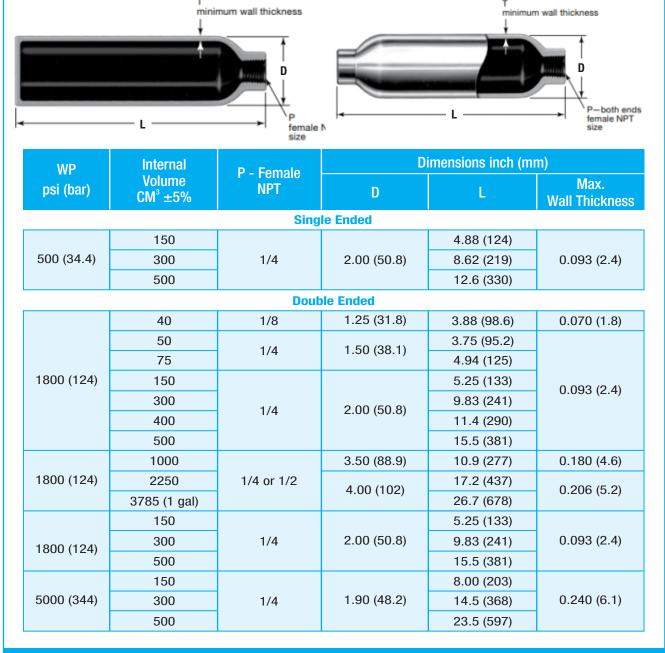
Technical Data and Dimensions

Single-Ended Cylinders

- 150, 300 and 500 Cm³ sizes meets variety of sampling needs.
- 304L Stainless Steel construction resists intergranular corrosion.

Double-Ended Cylinders

- Sizes from 40 to 3785 Cm^3 (1 gal).
- Working Pressure up to 5000 psi (344 bar)
- 304L and 316L Stainless Steel materials resist intergranular corrosion.



Options for Internal Cylinder Surface Treatments

PTFE Coating

Internal cylinder surfaces can be coated with PTFE to provide a non-stick surface, which aids in cleaning. To order add - PC to the cylinder ordering number.

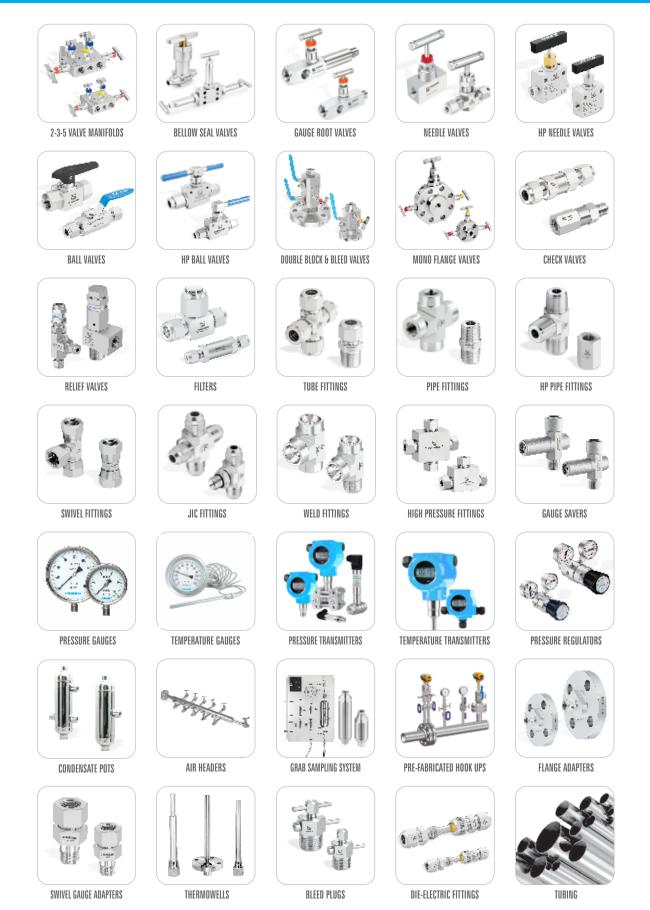
Electropolishing

Electro polishing provides a clean internal surface with a high degree of passivation. To order add - EP to the cylinder ordering number.

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PANAM [®]	PCLY-SSL-40-18-D-4N-H
Series	
CLY - Sample Cylinder	
Body Material	
SL - SS 304L SSL - SS 316L MO - Monel 400	
Cylinder Volume	
40 - 40ml 150 - 150ml 500 - 500ml 3785 - 3785ml	
50-50ml300-300ml1000-1000ml75-75ml400-400ml2250-2250ml	
Working Pressure 5 - 500 psi 18 - 1800 psi 50 - 5000 psi	
Connection Type	
D - Double-Ended S - Single-Ended	
Connection Size	
2N - 1/8"NPT Female 4N - 1/4"NPT Female 8N - 1/2"NPT Fem	nale
Options	_
PC - PTFE Coating H - Carrying Handle	
EP - Electro Polishing	

Other Products



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