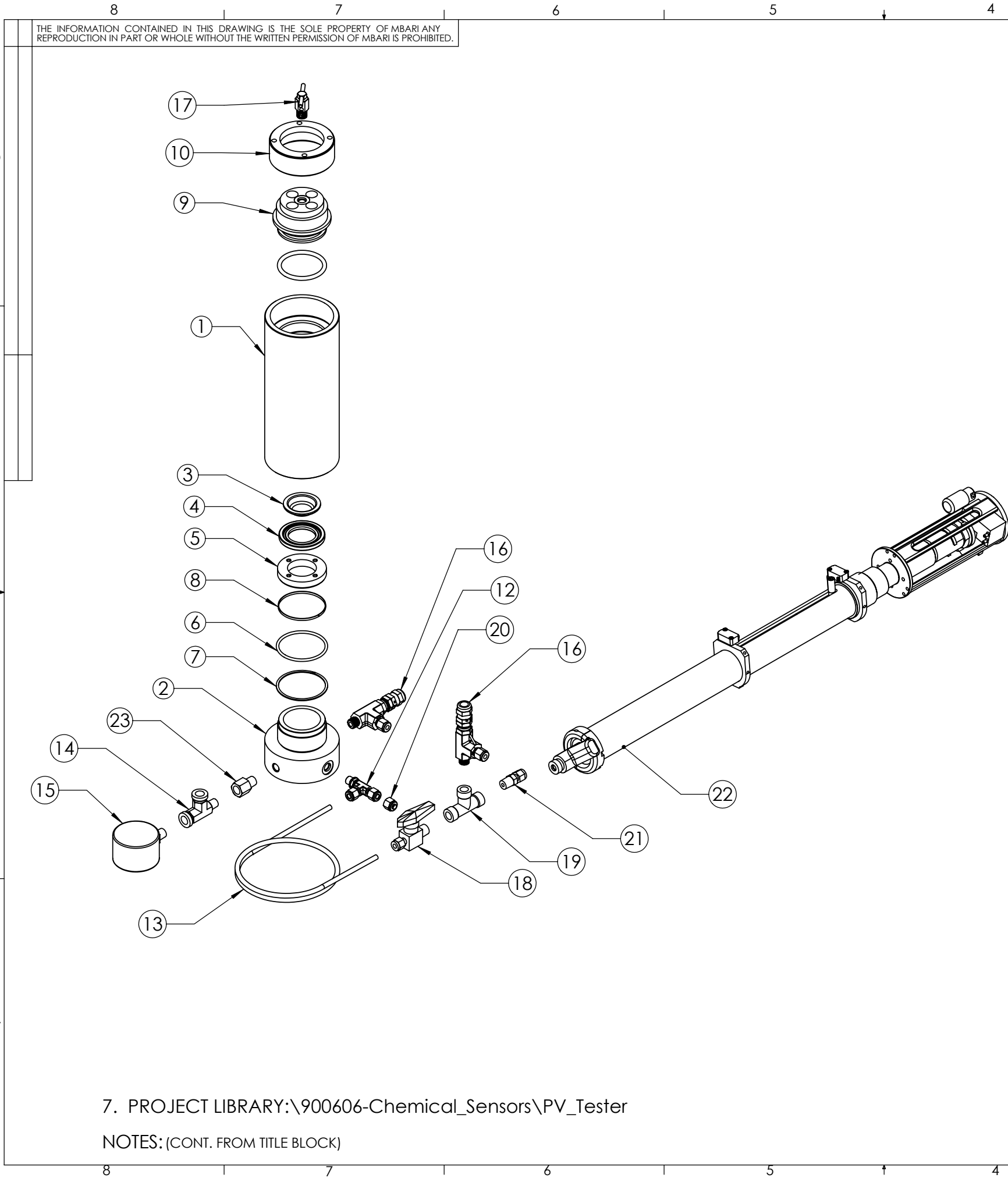
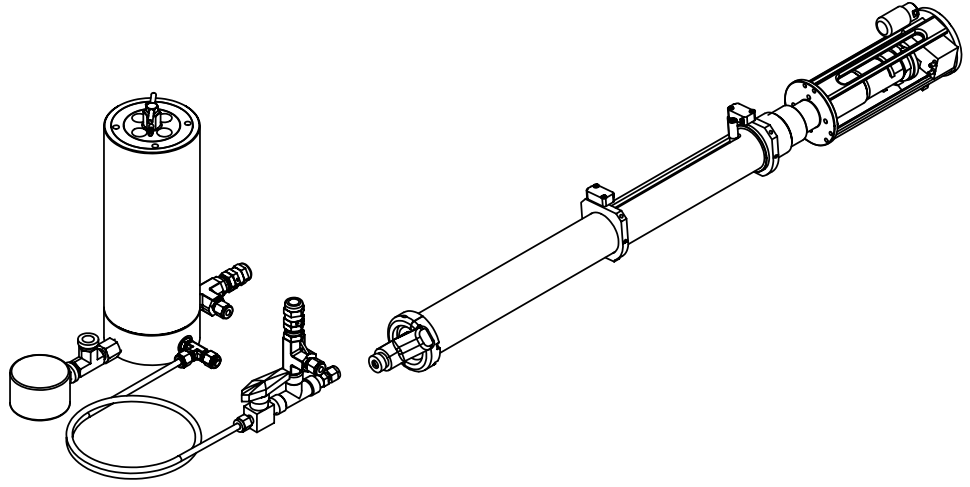




REVISIONS					
INITIAL RELEASE				X/XX/01	J.E.



23	1	SS-4-SAE-7-4	Press Snubber 1/8 NPT-M to 1/4 NPT-F	SWAGELOK	316 S.S.
22	1	xxxxxx	SOLO VB Pump		
21	1	SS-400-1-4	1/4 Tube - 1/4 NPTM	Swagelok	316 S.S.
20	1	SS-400-P	Fitting Plug	Swagelok	316 S.S.
19	1	SS-4-T	PIPE TEE	Swagelok	316 SS
18	1	SS-43GM4-S4	BALL VALVE 1/4T-1/4NPT	Swagelok	316 SS
17	1	SS-BVST4-SH-C3	Bleed Valve	Swagelok	316 SS
16	2	SS-4R3A1-EP	Relief Valve	Swagelok	316 SS
15	1	PGI-63S-PG5000-LAO1-J	Pressure Gauge (0 - 5000 psi.)	SWAGELOK	316 SS
14	1	SS-4-ST	1/4 NPT street T		
13	1	SS-FM4-TA4-TA4-24	1/4 High Pressure, Metal Flexible Hose	Swagelok	316 SS
12	1	SS-400-3TST	Tube-SAE street "T"	Swagelok	316 S.S.
11	1	#2-xxx-70N	O-RING		BUNA - N
10	1	P-200648-08	Threaded Retaining Ring	MBARI	Silicon Aluminum Bronze (CDA642)
9	1	P-200647-08	Press. Test Cap	MBARI	Titanium Gr.2
8	1	PVC	Scholfield_Fix_Part		
7	1	#2-230	PAR-BACK RING	Parker	
6	1	#2-xxx-70N	O-RING		BUNA - N
5	1	P-200694-09	Diaphragm Threaded Lock Ring	MBARI	Silicon Aluminum Bronze (CDA642)
4	1	P-200683-09	Diaphragm Retainer Ring	MBARI	316 SS
3	1	3-1.5-.44-A	1.5x.44 class 3 Bellofram	Bellofram	Silicone
2	1	P-200646-08	PV-Base	MBARI	Titanium Gr.2
1	1	P-200645-08	PV_tube Body	MBARI	Titanium Gr.2
ITEM NO.	Assembly Print/QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL

BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN	J. ERICKSON 4/3/09
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM ±.005	ENGINEER	J. ERICKSON 4/3/09
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	ANGLES ±1°	CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO.	900918
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		PROJECT	CHEMICAL SENSORS
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	27.729 lb.

Monterey Bay Aquarium Research Institute					
MBARI					
7700 Sandholdt RD.					
Moss Landing, CA 95039					
PH: (831) 775-1700					
					
ISUS PV_TESTER					
ISUS_PV-Tester ASSEMBLY ASSEMBLY					
SIZE	DWG. NO.	REV.			
B	A-200721-09.DWG				
SCALE	1:12	CAD FILE: MECH ENG ON TORNADO	SHEET	1	OF 2

