

Mock System Material Costs

27-May-22

Item	Qty.	Vendor	Item #	Price	Subtotal	Notes
Transducer dome	1	California Quality Plastics		\$264.00	\$264.00	
PVC panel for transducer ring	1	McMaster-Carr	8747K151	\$75.08	\$75.08	
Ring sealing foam	1	McMaster-Carr	8722K23	\$8.84	\$8.84	24" x 24"
Graphite tape	1	McMaster-Carr	9481K24	\$18.98	\$18.98	
ABS strip	1	McMaster-Carr	8586K77	\$12.70	\$12.70	
Vacuum relief valve	1	McMaster-Carr	4757K18	\$12.89	\$12.89	
Brass shoulder screw	2	McMaster-Carr	95446A510	\$3.36	\$6.72	1/4" OD x 5/8" length
Nylon sleeve bearing	4	McMaster-Carr	6389K231	\$0.69	\$2.76	1/4" ID
Fiberglass sheet 24" x 24" x 1/4"	1	McMaster-Carr	8549K66	\$58.90	\$58.90	Base plate
Fiberglass 90 degree angle	2	McMaster-Carr	8522K23	\$46.97	\$93.94	2-9/16 x 1-5/8 x 6 ft., Water walls
Fiberglass 90 degree angle	1	McMaster-Carr	8542K17	\$9.60	\$9.60	1" x 1" x 2 ft. for handle gussets
Fiberglass U-Channel	1	McMaster-Carr	8523K24	\$52.76	\$52.76	4-3/4 x 1-5/8 x 6 ft.
Fiberglass U-Channel	1	McMaster-Carr	8529K41	\$53.15	\$53.15	3-1/2 x 1-1/2 x 5 ft.
Aluminum guide rail	4	McMaster-Carr	6723K3	\$22.50	\$90.00	
Linear bearing carriage	11	McMaster-Carr	6723K12	\$14.17	\$155.87	
Sleeve bearing pillow block	2	McMaster-Carr	6687K33	\$4.42	\$8.84	
14-1/2 Angle Plastic Gear	3	McMaster-Carr	60455K33	\$22.47	\$67.41	
14-1/2 Angle Plastic Rack	1	McMaster-Carr	60435K89	\$113.19	\$113.19	
Sleeve bearing cap	4	McMaster-Carr	2943N5	\$5.32	\$21.28	
Delrin washers	1	McMaster-Carr	95647A125	\$12.88	\$12.88	1/4" ID
White delrin handles	2	McMaster-Carr	8497K292	\$5.29	\$10.58	7/8"
West Systems Epoxy 105A 206A	1	Amazon		\$86.60	\$86.60	
1/4-20 button head brass screws	1	McMaster-Carr	97715A264	\$10.67	\$10.67	5/8" long, 10-pack
1/4-20 phillips pan head brass screws	1	McMaster-Carr	94070A546	\$10.56	\$10.56	1.5" long, 10-pack
1/4-20 delrin washer	1	McMaster-Carr	95647A122	\$12.92	\$12.92	50-pack
1/4-20 nylon locknut	1	McMaster-Carr	94909A029	\$18.16	\$18.16	100-pack
1/4-20 bronze carriage bolt	1	McMaster-Carr	94050A210	\$12.37	\$12.37	1.5" long, 10-pack
Dry-running sleeve bearing	1	McMaster-Carr	2943N5	\$5.32	\$5.32	
Machined nylon spur gear	3	McMaster-Carr	60455K33	\$22.47	\$67.41	
Y tightening lever	1	McMaster-Carr	6320K16	\$9.90	\$9.90	
Knob/lever washer	1	McMaster-Carr	90295A455	\$16.40	\$16.40	
Glass-filled nylon hex nut	1	McMaster-Carr	90387A337	\$6.90	\$6.90	

Brass set screw for adj. knobs	1	McMaster-Carr	92991A240	\$7.10	\$7.10	
Metric pan head screws	1	McMaster-Carr	92942A816	\$11.77	\$11.77	M4x.7, 8mm long
Metric nylon washers	1	McMaster-Carr	95610A350	\$5.14	\$5.14	M4
8-32 brass pan head screws	1	McMaster-Carr	94070A192	\$17.89	\$17.89	3/8" long
8-32 brass pan head screws	1	McMaster-Carr	94070A196	\$12.29	\$12.29	5/8" long
8-32 nylon nut	1	McMaster-Carr	94812A400	\$8.64	\$8.64	
10-24 brass set screw	1	McMaster-Carr	92991A192	\$9.06	\$9.06	3/8" long
10-24 brass flat head screw	1	McMaster-Carr	92480A247	\$8.61	\$8.61	1" long, 10-pack
6-32 nylon flat head screw	1	McMaster-Carr	92929A156	\$8.59	\$8.59	1" long
6-32 nylon hex nut	1	McMaster-Carr	94812A300	\$8.47	\$8.47	
3/8-16 fiberglass threaded rod	1	McMaster-Carr	91315A010	\$17.00	\$17.00	1 ft.
3/8" aluminum rod for knobs	2	McMaster-Carr	9062K28	\$9.82	\$19.64	1 ft. x 2
10-32 nylon locknut	1	McMaster-Carr	94909A022	\$16.64	\$16.64	100-pack
Brass rod for stereotactic pins	1	McMaster-Carr	8953K138	\$11.28	\$11.28	5/16" dia x 6" long
Clear polycarbonate sheet	1	McMaster-Carr	8574K281	\$5.52	\$5.52	6" x 6" x 1/4", for locking tabs
Black delrin frame clamps	1	McMaster-Carr	8662K29	\$53.93	\$53.93	2" x 2.5" x 12"
Black delrin center clamp knob	1	McMaster-Carr	8497K114	\$26.71	\$26.71	4" dia. Delrin rod
Black delrin frame knobs	1	McMaster-Carr	8497K473	\$30.04	\$30.04	2.5" dia. Delrin rod
White delrin frame clamp structure	1	McMaster-Carr	9123K92	\$114.95	\$114.95	12" x 12" x 3/4"
Barbed tubing fitting	1	McMaster-Carr	5372K123	\$5.61	\$5.61	10-pack
Quick disconnect barbed socket	2	McMaster-Carr	5385K15	\$24.77	\$49.54	
Quick disconnect barbed plug	2	McMaster-Carr	5385K45	\$19.40	\$38.80	
Tubing	25	McMaster-Carr	6546T76	\$6.88	\$172.00	
Tubing clamps	1	McMaster-Carr	9579K72	\$12.84	\$12.84	
Water weight nut	1	McMaster-Carr	4452K675	\$8.75	\$8.75	3/4" NPT
				\$248.06	\$0.00	10 ft. each, 3/16" ID and 1/4" ID
Misc. Shipping	1			\$300.00	\$300.00	
				Parts	\$2,388.39	

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