

Water Sampler 4040 v1			Updated June 13, 2017
Part	QTY Used	Source	Notes
4040 Aluminum Extrusion, 600mm	4	link	Order cut to length
3030 Aluminum Extrusion, 600mm	1	link	Order cut to length
4040 Aluminum Extrusion, 520mm	2	link	Order cut to length
4040 Aluminum Extrusion, 210mm	8	link	Order cut to length
4040 t-slot bracket with bolts	24	link	Can use other compatible brackets
M6 x 20mm bolts	17	link	
M6 thin nuts	17	link	
M2 x 12mm bolts	4	link	
M2 nuts	4	link	
M3 x 12mm bolts	26	link	
M3 nuts	26	link	
Silicone Tubing 3/16" ID x 5/16" OD	50 ft	link	Eventually should be changed to a metric source
Solenoid Valve	25	DSF2-A 2-Way	
Peristaltic Pump	2	link	
Power Shift Register	4	TPIC6b596	
DIP Socket 20 pin	4	link	
Arduino Uno R3	1		
Ribbon Cable 50 wire Assembly	1	link	
Water Sampler Board PCB	1	on github	Order from OshPark, Gold Phoenix, or similar
Resistor 20K	1		
Ceramic Capacitor 0.1 uF	1		
Valve Mounts	2	on github	3D Printed
Pump Mount	1	on github	3D Printed
3030-4040 T Bracket	4	on github	3D Printed
Arduino Mount	1	on github	3D Printed
PCB Mount	1	on github	3D Printed