

	Water Sampler 1515 version 1.1	July 12, 2017	<a href="#">GitHub Page</a>						Changes:			
Item #	Description	Category	Source	Product Number	Units	Price/Unit	Total Price		v1.1	July 12	New PCBs, different connectors / cables, corrected 600mm to 550mm extrusion	Mitch Nelke
1	Barrel Jack, Panel Mount	Electronics	<a href="#">Adafruit</a>	610	1	2.95	2.95					
2	USB Bf to Bm Panel Mount Socket	Electronics	<a href="#">Adafruit</a>	907	1	3.95	3.95					
3	H Bridge Motor Controller	Electronics	<a href="#">Adafruit</a>	3190	1	7.5	7.5					
4	RTC Breakout	Electronics	<a href="#">Adafruit</a>	3013	1	13.95	13.95					
5	3/16" Nylon T-Connectors	Plumbing	<a href="#">Amazon</a>	T0-3NN	24	0.813	19.512					
6	Peristaltic Pump	Plumbing	<a href="#">Amazon</a>		2	12.99	25.98					
7	Arduino Uno R3	Electronics	<a href="#">Arduino.cc</a>	Uno Rev3	1	24.95	24.95					
8	DIP Socket 20 Pin	Electronics	<a href="#">Digikey</a>	AE9998-ND	4	0.29	1.16					
9	JST Connector, 2Pin Male	Electronics	<a href="#">DigiKey</a>	455-2247-ND	25	0.141	3.525					
10	M3 x 6mm Machine Screw	Frame/Mounting	<a href="#">Grainger</a>	6HY28	26	0.0868	2.2568					
11	M3 Nut	Frame/Mounting	<a href="#">Grainger</a>	22UK74	26	0.0202	0.5252					
12	M2 x 12mm Machine Screw	Frame/Mounting	<a href="#">Grainger</a>	6GE22	4	0.0523	0.2092					
13	M2 Nut	Frame/Mounting	<a href="#">Grainger</a>	6CA66	4	0.021	0.084					
14	3/16" Nylon Y-Connectors	Plumbing	<a href="#">Grainger</a>	1ZJF6	2	2.429	4.858					
15	3030 Al. Extrusion, 550mm	Frame/Mounting	<a href="#">Misumi</a>	HFSL6-3030	1	4.84	4.84					
16	1515 Al. Extrusion, 550mm	Frame/Mounting	<a href="#">Misumi</a>	HFS3-1515	4	3	12					
17	1515 Al. Extrusion, 520mm	Frame/Mounting	<a href="#">Misumi</a>	HFS3-1515	2	3	6					
18	1515 Al. Extrusion, 210mm	Frame/Mounting	<a href="#">Misumi</a>	HFS3-1515	4	3	12					
19	1515 extrusion bracket	Frame/Mounting	<a href="#">Misumi</a>	HBLTBS3	24	0.75	18					
20	T-Nut 3-series	Frame/Mounting	<a href="#">Misumi</a>	HNSQ3-3	30	0.08	2.4					
21	Solenoid Valve	Plumbing	<a href="#">Shenzuen</a>	DSF2-A	25	1.5	37.5					
22	Power Shift Register	Electronics	<a href="#">Mouser</a>	TPIC6B596	4	1.7	6.8					
23	250mL Spout Packs	Plumbing	<a href="#">Impak</a>	FTSSP250CSISL	24	0.34	8.16					
24	Silicone Tubing 3/16" ID x 5/16" OD	Plumbing	<a href="#">USPlastic</a>	54032	50	0.63	31.5					
25	Flat Cable Assembly 9 pos	Electronics	<a href="#">DigiKey</a>	A9CCG-0904F	1	4.82	4.82					
26	Flat Cable Male 9 pos	Electronics	<a href="#">Digikey</a>	5-103669-8	2	1.62	3.24					
27	Ribbon Cbl Assembly 14 Pos	Electronics	<a href="#">Digikey</a>	M3DDA-1406J	2	2.81	5.62					
28	Rect. Connector Male 14 Pos	Electronics	<a href="#">Digikey</a>	SBH11-PBPC-D07-5	4	1.89	7.56					
29	Resistor 20K	Electronics			1							
30	Ceramic Capacitor 0.1 uF	Electronics			1							
31	Water Sampler Board PCB	Frame/Mounting	<a href="#">OPEnS Lab</a>		1							
32	Bag Cap Inner	Plumbing	<a href="#">OPEnS Lab</a>		24							
33	Bag Cap Outer	Plumbing	<a href="#">OPEnS Lab</a>		24							
34	Valve Mount	Frame/Mounting	<a href="#">OPEnS Lab</a>		2							
35	Pump Mount	Frame/Mounting	<a href="#">OPEnS Lab</a>		1							
36	Spine Spacer	Frame/Mounting	<a href="#">OPEnS Lab</a>		4							
37	Arduino Mount	Frame/Mounting	<a href="#">OPEnS Lab</a>		1							
38	PCB Mount	Frame/Mounting	<a href="#">OPEnS Lab</a>		1							