ITEM NO.	SW-File Name(File Name)	DESCRIPTION	PROCESS	SUPPLIER	MATERIAL	PART NUMBER	QTY.	Package Qty	Unit Price	Order Qty	Extended Price
1	Microscope Stage_base	AFM Stage Base	INCLUDED				1				
2	Microscope Stage_X	AFM Stage X Translation	INCLUDED				1				
3	Microscope Stage_Y	AFM Stage Y Transation	INCLUDED				1				
4	Microscope Stage_X_knob	AFM X Knob	INCLUDED				1				
5	Microscope Stage_Y_knob	AFM Y Knob	INCLUDED				1				
6	clamp_screw_91290A19 0	Screws frame_main into frame_clamp	PURCHASED	MCMASTER		91290A190	4	10	7.11	1	7.11
7	clamp_nut_90576A103	Screws frame_main into frame_clamp	PURCHASED	MCMASTER		90576A103	4	100	4.27	1	4.27
8	clamp_washer_93475A2 30	Screws frame_main into frame_clamp	PURCHASED	MCMASTER		93475A230	4	100	1.86	1	1.86
9	X_frame_main	Stage Frame_x	3D PRINTED				1				
10	NEMA 17	Motor	INCLUDED			NEMA 17	2				
11	motor_faceplate	Motor Bracket	3D PRINTED				2				
12	slider	Motor Frame	3D PRINTED				2				
13	wedge_1	Bracket Adjuster_front	3D PRINTED				2				
14	wedge_2	Bracket Adjuster_back	3D PRINTED				2				
15	wedge_spring_5108N27 1	Springs holding Motor Bracket with Motor Frame	PURCHASED	MCMASTER		9044K113	4	3	5.26	2	10.52
16	wedge_pin_m3x36_9159	Tensioning Pin	PURCHASED	MCMASTER		91595A140	4	25	9.91	1	
17	wedge_s2124_92000A0	Bracket Adjusting Screws	PURCHASED	MCMASTER		92000A077	4	50	9.94	1	9.94
18	77 wedge_nut_90591A250	Used with Bracket Adjusting Screws	PURCHASED	MCMASTER		90591A250	4	100	2.33	1	2.33
19	wedge_washer_97310A 111_	Used with Bracket Adjusting Screws	PURCHASED	MCMASTER		97310A111	4	100	2.86	1	2.86
20	slider_pin_91585A389	Alignment Rod	PURCHASED	MCMASTER		91585A389	4	1	4.14	4	16.56
21	motor_screw_91290A111	Screws Motor Into Motor Bracket	PURCHASED	MCMASTER		91290A111	4	100	8.71	1	8.71
22	X_frame_clamp	Clamps Stage Frame_x onto AFM Stage	3D PRINTED				1				
23	knob_cap	Knob Adapter	3D PRINTED				2				
24	knob_screw_90044A247	Adapter Screw	PURCHASED	MCMASTER		90044A247	2	5	7.44	1	7.44
25	5mm_hub_9889T106	Motor Coupling	PURCHASED	MCMASTER		9889T106	2	1	16.08	2	32.16
26	8mm_Hub_9889T109	Motor Coupling	PURCHASED	MCMASTER		9889T109	2	1	16.08	2	32.16
27	Acetal_disk_59985K620	Motor Coupling	PURCHASED	MCMASTER		59985K62	2	1	3.22	2	6.44
28	rubber pad_X	Between X_frame_main and X_frame_clamp	INCLUDED				1				
29	Yframe_main	Stage Frame y	3D PRINTED				1				
30	Yframe_clamp	Clamps Stage Frame_y onto AFM Stage	3D PRINTED				1				
31	rubber pad_Y	Between Y_frame_main and Y_frame_clamp	INCLUDED				1				
32	rollers	Rollers screw into Y_frame_main	PURCHASED	MCMASTER		3659K11	2	1	36.88	2	73.76
								TOTAL			226.03