

Item #	Description	QTY	Manufacturer	Manufacturer Part Number	Vendor	Price (\$)	URL
001	K40 Laser Cutter	1	N/A	N/A	ebay	\$ 396.90	http://www.ebay.com/itm/40W-USB-DIY-Laser-Engraving-Machine-Cutting-Printer-CO2-Laser-Engraver-Cutter-/111215846328?hash=item19e4fb23b8:g:MbsAAOSwa39U0Jt
002	Safety Glasses	1	Phillips Safety Frames	Excimer	ebay	\$ 30.00	http://www.ebay.com/itm/Co2-Excimer-Laser-Safety-Glasses-Phillips-Safety-Frames-/221683701016?var=8&hash=item339d60d518
003	Fire Extinguisher	1	Kidde	466142N	Home Depot	\$ 19.98	http://www.homedepot.com/p/Kidde-Recreational-1-A-10-B-C-Fire-Extinguisher-466142N/205753350
004	1-Gallon Jug Distilled Water	3	Market Basket	N/A	Market Basket	\$ 3.00	
						\$ 449.88	
Basic Needs for Purchased System						\$ 49.49	http://www.ebay.com/itm/161715568771
005	20mm Molybdenum Mirrors	3	Photonics Center	N/A	ebay	\$ 49.49	
General System Upgrades						\$ 49.49	
006	ACR+Smoothieboard Plug-and-Play Kit	1	ALL-TEK Systems	N/A	ALL-TEK Systems	\$ 294.95	http://www.all-teksystems.com/product-page/162fea05-fb48-56a7-8ec1-38a6200b7fe3
007	12V, 30A DC Power Supply	1	eTopkizu	S-360-12	Amazon	\$ 23.97	http://www.amazon.com/gp/product/B00D7CWSCG?psc=1&redirect=true&ref=oh_au_detailpage_o02_s00
008	Female Crimp Terminal	21	Harwin	M20-1160042	Digikey	\$ 2.94	http://www.digikey.com/product-detail/en/harwin-inc/M20-1160042/952-2157-1-ND/3728122
009	10pcs AC Male Inlet, Screw Mount	1	uxcell	s14061100am0481	Amazon	\$ 4.94	http://www.amazon.com/gp/product/B00E0STIA7?psc=1&redirect=true&ref=oh_au_detailpage_o01_s00
010	C14 Power Cable (6-ft, 16AWG)	1	Monoprice	105285	Amazon	\$ 5.27	https://www.amazon.com/gp/product/B009GUNZ14/ref=oh_au_detailpage_o04_s00?ie=UTF8&psc=1
011	10pcs Rocker Switch	4	uxcell	a12080200ux0465	Amazon	\$ 2.54	https://www.amazon.com/gp/product/B00AKVBEN6/ref=oh_au_detailpage_o09_s00?ie=UTF8&psc=1
012	Assorted 22 AWG Wire	1	Electronics Express	27WK22STR25	Amazon	\$ 20.00	https://www.amazon.com/Electronic-Express-Hook-Stranded-Gauge/dp/B00B4ZO3L0/ref=sr_1_1?ie=UTF8&qid=1478135693&sr=8-1&keywords=assorted+wires
013	18 AWG, 300V Wire, Black	50ft	N/A	8054T15	McMaster	\$ 9.61	https://www.mcmaster.com/#8054t15=154n92j
014	18 AWG, 300V Wire, Red	50ft	N/A	8054T15	McMaster	\$ 9.61	https://www.mcmaster.com/#8054t15=154n92j
015	18 AWG, 300V Wire, Yellow	50ft	N/A	8054T15	McMaster	\$ 9.61	https://www.mcmaster.com/#8054t15=154n92j
016	2mm Heat Shrink Tubing	6m	uxcell	s13050200am0259	Amazon	\$ 5.67	https://www.amazon.com/gp/product/B008DFV09K/ref=oh_au_detailpage_o03_s00?ie=UTF8&psc=1
017	22/18-Gauge Female Insulated Quick Disconnects (100-pcs)	1	Yueton	N/A	Amazon	\$ 6.99	https://www.amazon.com/gp/product/B01823DKVM/ref=oh_au_detailpage_o05_s00?ie=UTF8&psc=1
Smoothieboard Upgrade						\$ 396.10	
018	Snap Action Limit Switch	1	Omron	SS-3GL13PT	Digikey	\$ 1.11	http://www.digikey.com/product-detail/en/omron-electronics-inc-emc-div/SS-3GL13PT/SW768-ND/664729
019	Double Sided Tape	1	Scotch	70-0708-8165-4	Amazon	\$ 4.39	https://www.amazon.com/Scotch-Exterior-Mounting-1-Inch-60-Inch/dp/B00004Z4BV/ref=sr_1_2?ie=UTF8&qid=1479691379&sr=8-2&keywords=double+sided+tape
-	18 AWG Wire, Black	-	N/A	8054T15	McMaster	\$ -	
Cover Safety Switch Subtotal						\$ 5.50	
020	10pcs 5V Laser Diode	1	WYHP	B00R73MC15	Amazon	\$ 3.18	http://www.amazon.com/gp/product/B00R73MC15?psc=1&redirect=true&ref=oh_au_detailpage_o02_s00
021	3pcs 8" Long 5mm OD Glass Stirring Rods	1	N/A	N/A	Amazon	\$ 7.40	http://www.amazon.com/gp/product/B009RQYDMO?psc=1&redirect=true&ref=oh_au_detailpage_o00_s00
022	CR2032 Battery Holder	1	uxcell	702105426227	Amazon	\$ 5.20	http://www.amazon.com/gp/product/B00NQB2UNU?psc=1&redirect=true&ref=oh_au_detailpage_o01_s00
023	10-pack CR2032 Battery	1	Energizer	CR2032	Amazon	\$ 5.95	http://www.amazon.com/Energizer-Lithium-Battery-Original-Packaging/dp/B00FO9HQLS/ref=pdf_bia_nav_t_2?ie=UTF8&refRID=OY52007Q9MF485M665Z
Laser Diode Assist Subtotal						\$ 21.73	
024	25ft - 12VDC LED Strip Lighting, White	1	N/A	T93007-1	Amazon	\$ 8.49	http://www.amazon.com/gp/product/B005EHHL87?psc=1&redirect=true&ref=oh_au_detailpage_o02_s00
-	18 AWG Wire, Black	-	N/A	8054T15	McMaster	\$ -	
-	18 AWG Wire, Yellow	-	N/A	8054T15	McMaster	\$ -	
LED Light Subtotal						\$ 8.49	
025	Air Pump, 793 GPH, 18W	1	EcoPlus	7284250	Amazon	\$ 35.24	http://www.amazon.com/gp/product/B002JLJCOW?colid=4IANSN63CSCR&coliid=I3E58VF69JXTBN&psc=1&ref=wl_it_dp_o_pC_n5_ttl
026	Cable Drag Chain	1	uxcell	a11110200ux0148	Amazon	\$ 6.50	https://www.amazon.com/gp/product/B00880AWRO/ref=oh_au_detailpage_o01_s00?ie=UTF8&psc=1
027	C14 Power Cable (6-ft, 16AWG)	1	Monoprice	105285	Amazon	\$ 5.27	https://www.amazon.com/gp/product/B009GUNZ14/ref=oh_au_detailpage_o04_s00?ie=UTF8&psc=1
028	10ft - 1/4" ID Flexible Clear Vinyl Tubing	1	CNZ	N/A	Amazon	\$ 4.89	http://www.amazon.com/gp/product/B0186KV716?colid=4IANSN63CSCR&coliid=I9K1IHC0NSDG&ref=wl_it_dp_o_pC_S_ttl
-	10pcs AC Male Inlet, Screw Mount	1	uxcell	s14061100am0481	Amazon	\$ -	
Air Assist Subtotal						\$ 51.90	
029	3" 12V Blower	1	Attwood	H20 Resist	Amazon	\$ 15.61	https://www.amazon.com/gp/product/B00100DE9E/ref=oh_au_detailpage_o00_s00?ie=UTF8&psc=1
030	3" Diameter Vinyl Hose	1	Speedi	EX-SVH	Amazon	\$ 9.84	https://www.amazon.com/gp/product/B0085UZKIO/ref=oh_au_detailpage_o07_s00?ie=UTF8&psc=1
031	3" Twist-It Clamp	1	Camco	39553	Amazon	\$ 2.97	https://www.amazon.com/gp/product/B003GC7450/ref=oh_au_detailpage_o07_s00?ie=UTF8&psc=1
-	18 AWG, 300V Wire, Red	-	N/A	8054T15	McMaster	\$ -	
-	18 AWG, 300V Wire, Yellow	-	N/A	8054T15	McMaster	\$ -	
Exhaust Blower Subtotal						\$ 28.42	
032	120mm PC Water Cooling Radiator	1	N/A	N/A	Amazon	\$ 16.99	http://www.amazon.com/gp/product/B00CFDS3JA/ref=crt_ewc_title_dp_4?ie=UTF8&psc=1&smid=A1BREQ8IG0HSBG
034	PC Water Pump	1	ZKSJ	DC30A-1230	Amazon	\$ 12.99	http://www.amazon.com/Cytec-Cooling-Brushless-Computer-computer/dp/B018E6ZWIQ?ie=UTF8&psc=1&redirect=true&ref=ox_sc_act_title_3&smid=A31201510FB0BP
035	200ml Reservoir	1	N/A	N/A	Amazon	\$ 14.58	http://www.amazon.com/Zlchao-Acrylic-Cooler-Cooling-Radiator/dp/B00KRXIRNM?ie=UTF8&psc=1&redirect=true&ref=ox_sc_act_title_2&smid=A3888EF2JRGU03
036	120mm Fan (4-Pack)	1	Cooler Master	Sleeve Bearing 120mm Silent Fan	Amazon	\$ 12.42	http://www.amazon.com/Cooler-Master-Bearing-Computer-Radiators/dp/B000081474?ie=UTF8&psc=1&redirect=true&ref=ox_sc_act_title_1&smid=ATVPDKIKX0DER
037	120mm Fan Grill Protector (5-Pack)	1	N/A	LYSB007PEPJ0-ELECTRNCS	Amazon	\$ 5.45	https://www.amazon.com/gp/product/B007PEPJ0/ref=oh_au_detailpage_o09_s00?ie=UTF8&psc=1
038	Digital Temp Thermometer Sensor, LCD	1	DROK	100127	Amazon	\$ 8.70	https://www.amazon.com/gp/product/B00E3A25S0/ref=oh_au_detailpage_o00_s01?ie=UTF8&psc=1
039	2.1mmx5.5mm Male Power Plug Adapter (10pcs)	1	iMBAPrice	N/A	Amazon	\$ 5.99	https://www.amazon.com/gp/product/B005FRM25V/ref=oh_au_detailpage_o00_s00?ie=UTF8&psc=1
040	5/16" ID Vinyl Tubing	10ft	Everbilt	714517	Home Depot	\$ 7.21	http://www.homedepot.com/p/Everbilt-7-16-in-O-D-x-5-16-in-I-D-x-20-ft-PVC-Clear-Vinyl-Tube-714517/207144404
048	Thermoelectric peltier cooling system	1	Zjchao	N/A	Amazon	\$ 17.88	https://www.amazon.com/gp/product/B00LZXKATW/ref=ppx_yo_dt_b_search_asin_image?ie=UTF8&psc=1
049	Aluminum water cooling blocks	1	Yobett	N/A	Amazon	\$ 9.99	
-	18 AWG, 300V Wire, Black	-	N/A	8054T15	McMaster	\$ -	
-	18 AWG, 300V Wire, Red	-	N/A	8054T15	McMaster	\$ -	
-	18 AWG, 300V Wire, Yellow	-	N/A	8054T15	McMaster	\$ -	
Internal Watercooling Subtotal						\$ 112.20	
041	1"x1" Aluminum Tube, 36" Long	1	Stanley	N342-246	Amazon	\$ 10.31	https://www.amazon.com/gp/product/B002B7XISG/ref=oh_au_detailpage_o00_s01?ie=UTF8&psc=1
042	15mm Bullet Stud Spikes, 100-pack	1	Surepromise	B00LAYPNYI	Amazon	\$ 9.99	https://www.amazon.com/gp/product/B00LAYPNYI/ref=oh_au_detailpage_o00_s01?ie=UTF8&psc=1
043	M8x110 Threaded Rods, 4-pack	1	uxcell	a15062400ux0141	Amazon	\$ 7.70	https://www.amazon.com/gp/product/B012TAPETK/ref=oh_au_detailpage_o00_s00?ie=UTF8&psc=1
044	1/16" x 12" x 12" - 1/8" holes (40% open) Al Perforated Sheet	1	Online Metal Supply	735926176903	Amazon	\$ 13.76	https://www.amazon.com/gp/product/B00N830NX6/ref=oh_au_detailpage_o00_s00?ie=UTF8&psc=1
045	M8 Hex Nuts	1	N/A	90592A022	McMaster	\$ 4.51	https://www.mcmaster.com/#90592a022=15d5uzud
046	GT2 Belt	1	HICTOP	642782468908	Amazon	\$ 7.99	https://www.amazon.com/HICTOP-Meters-pitch-Timing-printer/dp/B00YMM6IQW/ref=sr_1_4?ie=UTF8&qid=1481239604&sr=8-4&keywords=gt2+belt
047	Gorilla Glue	1	Gorilla	269	Home Depot	\$ 5.28	http://www.homedepot.com/p/Gorilla-Glue-2-ft-oz-All-Purpose-Adhesive-269/100130236
Adjustable Z-Table Subtotal						\$ 59.54	
Total						\$ 1,183.25	