

Part	Price	Supplier	URL
vaccum pump	\$37.99	Amazon	https://www.amazon.com/Beadsmith-Pick-Tool-Voltage-Plug/dp/B00A8PLOM0
1/8" tubing	\$5.56	Amazon	https://www.amazon.com/gp/product/B007PGE2IS
luer lock to 1/8" npt	\$19.32	Amazon	https://www.amazon.com/Techon-Systems-TSD931-57-Fitting-Black/dp/B00L0VEAZE
1/8" female npt coupling	\$4.66	Amazon	https://www.amazon.com/gp/product/B001PD0QB4
1/8" npt to barb 1/8"	\$4.06	Amazon	https://www.amazon.com/gp/product/B000EU6AA0
1/4" npt to barb 1/8"	\$4.06	Amazon	https://www.amazon.com/gp/product/B00581180U
4.5" long 1/8" nipple	\$8.04	Amazon	https://www.amazon.com/Brass-Seamless-Fitting-Nipple-Schedule/dp/B003PDNGPU
T Barb 1/8"	\$8.13	Amazon	https://www.amazon.com/gp/product/B017UXJ1D6
12V solenoid	\$12.37	Amazon	https://www.amazon.com/gp/product/B00A15FT0A
Barrel Connector	\$5.50	Amazon	https://www.amazon.com/HDVDTM-10pack-5-5mm-Pigtail-Female/dp/B00CUKHN0S
12V power supply	\$9.00	Amazon	https://www.amazon.com/gp/product/B00Q2E5IXW
foot pedal	\$23.25	Amazon	https://www.amazon.com/gp/product/B002P55Y36
grip tape	\$6.34	Amazon	https://www.amazon.com/gp/product/B000O8ARTC
mounting tape	\$6.47	Amazon	https://www.amazon.com/Scotch-Extreme-Mounting-60-Inch-Black/dp/B005SRECEU
plumbers tape	\$4.46	Amazon	https://www.amazon.com/LASCO-11-1033-Sealant-2-Inch-100-Inch/dp/B00ITPHXZI
small tips	\$1.95	Amazon	https://www.amazon.com/gp/product/B00ZVE7JBS
big tips	\$12.14	Amazon	https://www.amazon.com/gp/product/B00XSDHPEK
	\$173.30		
Accessories			
		Supplier	URL
SMD Trays		Tindie	https://www.tindie.com/products/FemtoCow/set-of-7-smd-soldering-trays-second-class/
SMD Spool Tray		Ebay	http://www.ebay.com/sch/isis.html?_nkw=5+way+SMT+SMD+Feeder+for+DIY+Prototype+Pick+Up+Place+0805+0603+0402+0201+chip+&_id=401071564618&&_trksid=p2060353.m2749.l2658
Tips/Needles		Howard Electronics	http://www.howardelectronics.com/industrial-needles/stainless-steel-blunt-needles/
Tips/Needles		Ebay	http://www.ebay.com/sch/i.html?_odkw=needles+glue&_osacat=0&_from=R40&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xneedles+glue+bent.TRS1&_nkw=needles+glue+bent&_sacat=0
Tools Needed For Assembly			
Crescent Wrench			
#2 Philips Screw Driver			
Scissors			
Wire Strippers			