

## Electrodes:

		quantity	Manufacturer/ Distributor	Catalog #
Reference electrode	Silver/Silver chloride reference electrode (3-Pack)	2	CH Instruments, Inc	CHI 111P
Working and counter electrode wires	Platinum wire, 0.762 mm, 100 cm	1	Alfa Aesar	14195
Working electrode	Carbon felt, 6.35mm(0.25in) thick, 99.0% ~4.8g/10x10 cm. 30x30cm	1	Alfa Aesar	43200

## glassware reactors:

	quantity	manufacturer
NW40 clamp & seal set	6	manufacture : Adams & Chittenden Scientific Glass
GL45 open caps, red	12	manufacture : Adams & Chittenden Scientific Glass
GL45 septa	12	manufacture : Adams & Chittenden Scientific Glass
GL14 septa	12	manufacture : Adams & Chittenden Scientific Glass
GL14 open caps	24	manufacture : Adams & Chittenden Scientific Glass
Microbial Fuel Cell set 100.40.2	6	manufacture : Adams & Chittenden Scientific Glass

## Potentiostat:

Manufacture: **Bio-Logic USA, LLC** (Web: [www.bio-logic.us](http://www.bio-logic.us))

	quantity
Model VSP300-CHAS. VSP-300 chassis – 6 slots - NO channel - including calibration board and EC-Lab software package	1
Model VSP300-01. Potentiostat/galvanostat board for SP-300/VSP-300 (without cell cable) – uses one slot - +/-12 V +/-500 mA	6
Model VSP300-CBL. Standard cell cable with electrometer for SP-300/VSP-300 potentiostat board (1.75m)	6

Incubator setup:

		quantity	Manufacturer/ Distributor	Catalog #
Stirrers	MINI MR STD,IKAMAG,STIRRER,100-240	6	IKA	3674000
Nitrogen setup	Aluminum Manifold, Black Anodized, 6 Outlet on 1 Side, 9-1/4" LG, 1" WD	1	McMaster-Carr	5975K17
	Brass Barbed Hose Fitting, Adapter for 1/8" Hose ID X 1/8" NPTF Male Pipe, packs of 10	1	McMaster-Carr	5346K61
	High-Pressure Aluminum Threaded Pipe Fitting, 1/4 Pipe Size, Hex Head Plug, Solid	1	McMaster-Carr	3867T65
	Medium-Pressure Needle Valve, Zinc Nickel-Plated Steel, 1/8" NPT Male X Female	6	McMaster-Carr	7833K83
	Commercial Grade Pipe Thread Sealant Tape, 16 yd L X 1/4" W, .0028" Thickness, 0.5 G/CC Density	1	McMaster-Carr	4591K11
	Tubes, 50ft	1	Tygon	AFL00007
Wires				