

Materials List for:

Micro-drive Array for Chronic *in vivo* Recording: Drive Fabrication

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Materials

Name	Company	Catalog Number	Comments
3D-printed plastic parts	Material	American Precision Prototyping (www.approto.com)	
stainless steel tubing	Material	Small Parts (www.smallparts.com)	
Dental cement powder	Material	A-M Systems (www.a-msystems.com)	525000
Dental cement solvent	Material	A-M Systems	526000
Electrode interface board	Material	Neuralynx (www.neuralynx.com)	EIB-81
micro-drive screws	Material	Advanced Machining and Tooling (www.amtmfg.com)	
'Tap-Ease' tapping lubricant	Tool	AGS Company	TA-2
Polyimide tubing	Material	IWG High Performance Conductors (www.iwghpc.com)	
Cordless drill/driver	Tool	DeWalt (www.dewalt.com)	DC750KA
Variable-Speed Rotary Tool Kit with Flex-Shaft	Tool	Dremel (www.dremel.com)	3956-02
Razor blades	Tool	VWR (www.vwr.com)	55411-050
Watch glass	Tool	VWR	66112-107
Tap for custom screws	Tool	Balax	01302
Taps	Tool	Small Parts	HSBT-0172, HSBT-0080
Pin vise	Tool	Vargus	3SHC1--I
Drill bits	Tool	Small Parts	
Benchtop vise	Tool	Panavise	301
No.2 Dumont forceps	Tool	Stoelting (www.stoeltingco.com)	52100-27
5-minute epoxy	Tool	Allied Electronics (www.alliedelec.com)	
Accu-Tek Carbofib Tip Tweezers	Tool	Aven (www.aveninc.com)	18768 (Pattern 304)
Micro Dissecting Scissors	Tool	Biomedical Research Instruments (www.biomedinstr.com)	25-1000
Xcelite 378M Pliers	Tool	Newark	96F8903
mini pin vise	Tool	MSC Industrial Supply (www.mscdirect.com)	00920314