

Materials List for:

Using the Threat Probability Task to Assess Anxiety and Fear During Uncertain and Certain Threat

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URL: <https://www.jove.com/video/51905>

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Materials

Name	Company	Catalog Number	Comments
Amplifier	Numerous options		See Curtin, Lorenzo, and Allen (2007) for a list of vendors.
Small Ag/AgCl EMG Sensors	 Discount Disposables	TDE-023-Y-ZZ-S	4 mm, and 48 in lead length
Large Ag/AgCl EMG sensor	 Discount Disposables	TDE-022-Y-ZZ-S	8 mm, and 48 in lead length
Small electrode collars	 Discount Disposables	TD-23	5 mm
Large electrode collars	 Discount Disposables	TD-22	8 mm
Shock box	Custom	Custom	See supplemental material for a circuit diagram for the custom shock box used by the Curtin laboratory. An example of a commercial shock box can be found at: http://www.psychlab.com/stim_SHK_shockers.html .
Alcohol pads	 Fisher Scientific	06-669-72	
Exfoliant gel	 Weaver and Company	NuPrep	
Conductive Gel	 Electro-Cap International	ECA E9	
Gauze pads	 Neuromedical Supplies	95000025	
Blunt Needle	 Electro-Cap International	E8B	
Medical tape	 Neuromedical Supplies	95000032	
Electrode Sterilizing Solution	 Emergency Medical Products:	MX-2800	Gloves should be worn when handling metricide.
Headphones	 Sennheiser	4974	Head phones should be capable of repeatedly delivering startle probe's at the level chosen by experimenters (e.g. 102 dB).
Participant monitoring camera	 PolarisUSA	BC-660B	Infrared capable camera so participant can be monitored while lights are off in experiment room.
Infrared panel	PolarisUSA	IR-TILE	http://www.polaris.com/en-us/home.aspx
Video monitor for participant monitoring	 Marshall Electronics	M-Pro CCTV 19	
Stimulus Computer	 Dell	Dell Optiplex3010	Most modern computers appropriate
Sound card (Stimulus computer)	 Creative	70SB127000002	The sound card delivers the startle probes. An example of a stand

			alone noise generator can be found at: http://www.psychlab.com/stim_TG_WN_sound.html# .
I/O card (Stimulus computer)	 Measurement Computing	PCI-DIO24	I/O card allows control of shock box and communication of event markers (e.g. for startle probe occurrence) to data collection computer.
Stimulus control software	 Psychtoolbox		Open source (free) toolbox based in Matlab.
Computational platform for stimulus control and data reduction	 MathWorks		Required to use Psychtoolbox and EEGLAB (below).
Data collection computer	 Dell	Dell Optiplex3010	Most modern computers are appropriate
Psychophysiology acquisition software	Numerous options		See Curtin, Lorenzo, and Allen (2007) for a list of vendors.
Stimulus Monitor	 Acer	Acer AL1916W	
Data Collection Monitor	 Acer	Acer AL1916W	
Participant CRT monitor	 ViewSonic	P810	
Data processing software	 EEGLAB		Open source (free) software package based in Matlab.