

Materials List for:

Single Sensillum Recordings for Locust Palp Sensilla Basiconica

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Materials

Name	Company	Catalog Number	Comments
Tungsten wire	ADVENT	W559504	Used for making the electrode and fixing the palp
NaNO ₂	Sigma-aldrich	563218-25G	Used for sharpening the tungsten wire
AC Power Supply	Syntech	A2-70	Providing the voltage in sharpening the tungsten wire
Stereoscope	Motic	SMZ-163	Used for observing the sharpening of tungsten wire
Microscope	Olympus	W-51	Used for observing the sensilla on locust maxillary palp
Intelligent Data Acquisition Controller	Syntech	IDAC-4	Real-time on screen display of all signals before and during recording
Stimulus controller	Syntech	CS-55	Used for controlling the stimulus application
Electronic micromanipulator	C.M.D.T	CFT-8301D	Used for minor movement of the recording electrode
Micromanipulator	Narishige	MN-151	Used for minor movement of the reference electrode
Speaker	EDIFIER	R101T06	Connected with IDAC-4 and providing sound for the signal
Magnetic base	PDOK	PD-101	Used to hold the electrode, and stimulus delivery tube
Vibration Isolation Table	TianHe	HAP-100-1208	Used for isolating the vibration from the equipment
Glass slide	CITOGLAS	ZBP-407	Used for making the base for the MPH
Blu-tack	Bostik	Blu-tack-45g	Fixing the tungsten wire
Pasteur tube	YARE	WITEG	Placing the filter paper containing stimuli stimulus solutions