Materials List for:

Electrophysiological and Morphological Characterization of Neuronal Microcircuits in Acute Brain Slices Using Paired Patch-Clamp Recordings

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Materials

Name	Company	Catalog Number	Comments
Amplifier	HEKA	EPC 10 USB Triple	with 2 - 3 preamplifiers
Microscope	Olympus	BX51WI	with 2 camera ports, a 4X objective, and a 40X water-immersion objective
Camera	TILL Photonics	VX55	infrared CCD camera
Workstation	Luigs & Neumann	Infrapatch 240	with a motorized x-y stage and a motorized focus axis for the microscope
Micromanipulator	Luigs & Neumann	SM-5	x-y-z manipulators for 2 - 3 preamplifiers
Faraday cage	Luigs & Neumann		
Anti-vibration table	Newport Spectra-Physics		
Patchmaster	HEKA		
Microtome	Microm International	HM650V	
Micropipette puller	HEKA	Sutter P-97	
Neurolucida system	Microbrightfield		with Neurolucida and Neuroexplorer softwares

