

Materials List for:

Electric-field Control of Electronic States in WS₂ Nanodevices by Electrolyte Gating

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URL: <https://www.jove.com/video/56862>

DOI: [doi:10.3791/56862](https://doi.org/10.3791/56862)

Materials

Name	Company	Catalog Number	Comments
Sonication machine	SND Co., Ltd.	US-2	http://www.senjyou.jp/
Spin-coater machine	ACTIVE Co.,Ltd.	ACT-300All	http://www.acti-ve.co.jp/spincoater/standard/act300a2.html
Hot-plate	TAIYO	HP131224	http://www.taiyo-kabu.co.jp/products/detail.php?product_id=431
Optical Microscopy	OLYMPUS	BX51	https://www.olympus-ims.com/ja/microscope/bx51p/
Electron Beam Lithography machine	ELIONIX INC.	ELS-7500I	https://www.elionix.co.jp/index.html
Scribing machine	TOKYO SEIMITSU CO., LTD.	A-WS-100A	http://www.accretech.jp/english/product/semicon/wms/aws100s.html
Wire-bonding machine	WEST·BOND	7476D-79	https://www.hisol.jp/products/bonder/wire/mgb/b.html
Physical Properties Measurement System	Quantum Design	PPMS	http://www.qdusa.com/products/ppms.html
Lock-in amplifier	Stanford Research Systems	SRS830	http://www.thinksrs.com/products/SR810830.htm
Source meter	Textronix	KEITHLEY 2612A	http://www.tek.com/keithley-source-measure-units/smu-2600b-series-sourcemeter
KClO ₄	Sigma-Aldrich	241830	http://www.sigmaaldrich.com/catalog/product/sigald/241830?lang=ja&region=JP
PEG	WAKO	168-09075	http://www.siyaku.com/uh/Shs.do?dspCCode=W01W0116-0907
IPA	WAKO	169-28121	http://www.siyaku.com/uh/Shs.do?dspWkfcCode=169-28121
MIBK	WAKO	131-05645	http://www.siyaku.com/uh/Shs.do?dspCCode=W01W0113-0564
PMMA	MicroChem	PMMA	http://microchem.com/Prod-PMMA.htm
Acetone	WAKO	012-26821	http://www.siyaku.com/uh/Shs.do?dspWkfcCode=012-26821