

Materials List for:

Photoelectron Imaging of Anions Illustrated by 310 Nm Detachment of F⁻

Justin Lyle¹, Sudharson Ravishankar Chandramoulee¹, C. Annie Hart¹, Richard Mabbs¹

¹Department of Chemistry, Washington University in St. Louis

Correspondence to: Richard Mabbs at mabbs@wustl.edu

URL: <https://www.jove.com/video/57989>

DOI: [doi:10.3791/57989](https://doi.org/10.3791/57989)

Materials

Name	Company	Catalog Number	Comments
Digital Delay Generators	Berkeley Nucleonics Corp.	565-8c	DDG1
Digital Delay Generators	Berkeley Nucleonics Corp.	577-8c	DDG2
HV Power Supplies	Stanford Research Systems	PS325	V3
HV Power Supplies	Stanford Research Systems	PS325	V2
HV Power Supplies	Stanford Research Systems	PS325	V5
HV Power Supplies	Burle Inc.	PF1053	V9
HV Power Supplies	Burle Inc.	PF1053	V4
HV Power Supplies	Burle Inc.	PF1053	V10
HV Power Supplies	Burle Inc.	PF1054	V9,V11
HV Power Supplies	Bertan	205B-05R	V6
HV Pulsers	Directed Energy Inc.	PVX-4150	V2
HV Pulsers	Directed Energy Inc.	PVX-4140	V1
HV Pulsers	Directed Energy Inc.	PVX-4140	V11
HV Pulsers	Directed Energy Inc.	PVX-4140	V3
Pulsed Nozzle Driver	Parker Hannifin (General Valve)	Iota-One	
Pulsed Nozzle	Parker Hannifin (General Valve)	Series 9	
Camera	Imperx	VGA120	
Imaging Detector	Beam Imaging Systems	BOS40	
Oscilloscope	LeCroy	Wavejet 334	
Photodiode	ThorLabs	DET10A	
Diffusion Pump	Leybold	DIP 8000	
2×Turbo Pump	Leybold	TMP361	
Rotary Pump	Leybold	D40B	
2×Rotary Pump	Leybold	D16B	
Oxygen Gas	Praxair	OX 5.0RS	
Tunable Laser	Spectra Physics Sirah Dye Laser	Cobra-Stretch	
Pump laser for Dye Laser	Spectra Physics Nd:YAG	INDI-10	