

Materials List for:

An Atmospheric Pressure Plasma Setup to Investigate the Reactive Species Formation

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Materials

Name	Company	Catalog Number	Comments
Plasma Resonant and Dielectric Barrier Corona Driver power supply	Information Unlimited		PVM500
Mass flow controller (MFC)	Brooks Instruments		2 slm (He calib.)
MFC	Brooks Instruments		5 slm (He calib.)
Microcomputer controller for MFCs	Brooks Instruments		0254
H ₂ ¹⁷ O	Icon Isotopes	IO 6245	
5,5-dimethyl-1-pyrroline <i>N</i> -oxide	Dojindo Molecular Technologies, Inc.	D048-10	≥99%
2,2,6,6-tetramethylpiperidine 1-oxyl	Sigma-Aldrich	214000	98%
Helium	BOC UK	110745-V	99.996%
High voltage probe	Tektronix		P6015A
Current probe	Ion Physics Corporation		CM-100-L
Oscilloscope	Teledyne LeCroy		WaveJet 354A