

Materials List for:

Investigating the Three-dimensional Flow Separation Induced by a Model Vocal Fold Polyp

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URL: <https://www.jove.com/video/51080>

DOI: [doi:10.3791/51080](https://doi.org/10.3791/51080)

Materials

Name	Company	Catalog Number	Comments
Rapid Prototyper	Objet	Objet24	Tray Size (X xY x Z): 240 x 200 x 150 mm Build layer thickness = 28 µm Accuracy = 0.1 mm Build Resolution: X-axis: 600 dpi, Y-axis: 600 dpi, Z-axis: 900 dpi
Rapid Prototyper Model Material	Objet	VeroWhite Plus Fullcure 835	
Rapid Prototyper Support Material	Objet	FullCure 705 Support	
Copy Toner	Xerox		
Kerosene	Sunnyside		
Baby Oil	Johnson's		
Adhesive Paper	Con-Tact Brand		White adhesive covering
Tygon Tubing	Tygon	PVC Tubing	1/16 in ID, 3/16 in OD
Pressure Scanner (16 channel)	Scanivalve	DSA3217	Used for gas pressure measurements Pressure range = ±5 in H ₂ O Full scale accuracy = ±0.3% full scale accuracy. Maximum scan rate = 500 Hz/channel
Stainless Steel Tubulations	Scanivalve	TUBN-063-1.0	0.063 in Diameter and 1 in Length