

Materials List for:

A Magnetic Tether System to Investigate Visual and Olfactory Mediated Flight Control in *Drosophila*

Brian J. Duistermars¹, Mark A. Frye¹

¹Department of Physiological Science, University of California, Los Angeles

Correspondence to: Mark A. Frye at frye@physci.ucla.edu

URL: <https://www.jove.com/video/1063>

DOI: [doi:10.3791/1063](https://doi.org/10.3791/1063)

Materials

Name	Company	Catalog Number	Comments
Cooling Stage	Teca	LHP-300CP	
Brass Cooling Block	Custom Made		~4 x 8 x 2cm
Sarcophagus	Custom Made		Contact us for details
UV-Activated Glue	Kemxert corp	KOA300	1oz bottle lasts years
Panel System	Caltech	http://www.dickinson.caltech.edu/panels	[4]
Minutien Pins	Fine Science Tools	26002-20	
Lower Ring Magnets	Rare-earth-magnets.com	NSN0615	5 - 0.75"o.d. x 0.375" i.d. x 0.125"
Upper Rod Magnet	Rare-earth-magnets.com	NSN0750	0.125" x 1"
V-Jewel Bearing	Small Parts, Inc.	VJ-0469-01	
MFC-4 Flow Regulators	Sable Systems International		
Gas Multiplexer	Sable Systems International		
Teflon Tubing	Small Parts, Inc.	STT-20-C	
20 Gauge Hypodermic Tubes	Small Parts, Inc.	HTX-20R-06	
Glass Tubing			4mm o.d.
Vacuum Flow Regulator	Cole-Parmer	EW-32464-52	