

## Whisker Stimulation: two stepper motors

Part Description	Link	Quantity	Price	Reason	Total	Notes
<b>Sparkfun</b>						
Stepper Motor - 68 oz.in (400 steps/rev)	<a href="https://www.sparkfun.c">https://www.sparkfun.c</a>	2	\$ 17.95	Motor for fast stimulation of whiskers with a pole	\$ 35.90	
<b>Robot Shop</b>						
MakeBlock Me 2H Microstep Stepper Motor Driver	<a href="https://www.robotshop">https://www.robotshop</a>	2	\$ 21.99	Driver for the above motor	\$ 43.98	
MakeBlock 42BYG Stepper Motor Bracket B - Blue	<a href="https://www.robotshop">https://www.robotshop</a>	3	\$ 7.99	Bracket to mount stepper motor	\$ 23.97	
<b>Arduino</b>						
ARDUINO UNO REV3	<a href="https://store.arduino.cc">https://store.arduino.cc</a>	2	\$ 23.00	Arduino for controlling full setup	\$ 46.00	
<b>Amazon</b>						
Amazon Basics USB 2.0 Printer Cable	<a href="https://www.amazon.co">https://www.amazon.co</a>	2	\$ 6.36	Cable to connect arduinos to computer	\$ 12.72	
Powered USB Hub 3.0	<a href="https://www.amazon.co">https://www.amazon.co</a>	1	\$ 28.99	USB 3.0 hub to ensure enough USB ports for all devices	\$ 28.99	
Power Supply Adapter	<a href="https://www.amazon.co">https://www.amazon.co</a>	2	\$ 19.99	power supplies	\$ 19.86	
Noga DG61003	<a href="https://www.amazon.co">https://www.amazon.co</a>	3	\$ 93.00	arms for hold things	\$ 279.00	
<b>Total</b>					<b>\$ 490.42</b>	