

Materials List for:

Using an EEG-Based Brain-Computer Interface for Virtual Cursor Movement with BCI2000

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URL: <https://www.jove.com/video/1319>

DOI: [doi:10.3791/1319](https://doi.org/10.3791/1319)

Materials

Name	Company	Catalog Number	Comments
BCI2000- Compatible Amplifier System	g.USBamp		http://www.gtect.at
BCI2000- Compatible Amplifier System	Tucker-Davis Technologies	Rx5 or Rx 7	http://www.tdt.com
EEG cap	Electro-cap International		http://www.electro-cap.com At a minimum, the cap should have electrodes over hand and feet areas (C3, C4, and Cz). Additional channels can be used for control (CP3, CP4, CPz) and for spatial filtering as well, which will improve the signal quality.
Conductive gel	Electro-cap International		http://www.electro-cap.com
PC			Running Windows XP or Vista (at least Pentium 4, 2 GHz, 1 GB RAM)
Two monitors			Each at least 19in (one for the subject and one for the researcher)