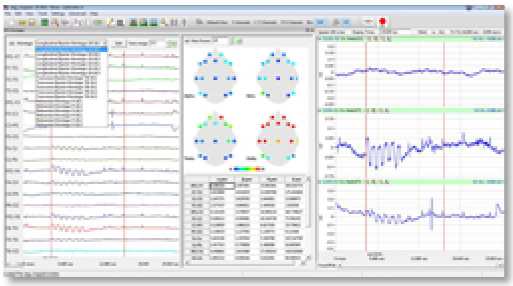
FOR IMMEDIATE RELEASE

iWorx Systems, Inc. Introduces an EEG/ERP System for Use in Cognitive Neuroscience and Psychological Physiology Research

Dover NH, July 14, 2014 – iWorx Systems, Inc., a developer of advanced physiology teaching and research instruments and software, has introduced a system for measuring electroencephalography (EEG) activity and event-related potential (ERP) in cognitive neuroscience and psychological physiology research. The system enables researchers to study brain responses to visual and auditory stimuli (pictures, letters, and sounds) as well as tactile, olfactory and gustatory stimuli.

iWorx EEG/ECG System includes a 24 Channel Recorder for measuring 19 channels of EEG, two Biopotential channels, a Galvanic Skin Response (GSR) channel, and either a hand-held push button switch or foot reaction switch event marker. EEG is recorded using a standard 10-20 Electro-Cap with Ag/AgCl electrodes. The high resolution 24-bit recorder, with less than 1 *u*V of system noise, guarantees high quality EEG data. The system can also acquire other physiological signals such as temperature, respiration rate, heart rate, blood pressure, EMG, and EOG.



With built-in iWorx LabScribe Software with an EEG Analysis Module, researchers can investigate EEG data using a number of preset standard EEG montages as suggested by the American Clinical Neurophysiology Society. The alpha, beta, theta and delta frequency distribution is calculated for each electrode combination and displayed graphically within the LabScribe EEG interface. Data can be manually analyzed within LabScribe or segments of ERP data parsed for export to a .txt/.csv or EDF file for further analysis. The compact system connects to a PC or Macintosh computer via a standard USB interface – no other components are required.

The system also includes a plug-in module that facilitates integration with the open source OpenSesame graphical presentation/experiment builder platform for creating and running more demanding psychological experiments.

More information on iWorx EEG/ERP Systems can be found on iWorx Web site. Contact iWorx Systems, Inc., 62 Littleworth Road, Dover, NH 03820 (T) (800) 234-1757, (F) (603) 742-2455, billm@iworx.com.

About iWorx

iWorx advanced research solutions include high performance recording hardware, software, and components that accelerate metabolic, cardiovascular, neuromuscular and respiratory physiology research. In addition to data acquisition systems, iWorx offers a full selection of signal conditioners, stimulators, transducers, electrodes, cables, and general-purpose laboratory equipment and accessories.

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