



For Immediate Release

## **iWorx Introduces a High Performance, Single Channel Data Acquisition System with Analytical Software for Embedded OEM Applications**

Dover, NH, June 25, 2012 – [iWorx](#), a developer of advanced physiology research tools, has introduced the [IX-100BE Data Acquisition System](#) with LabScribe2 Software that provides high resolution/low noise recording of biopotential signals for OEM applications. With one isolated input channel and a low voltage stimulator, the system is ideal for embedded biomedical and life science applications where only one biopotential recording channel is required.

The iWorx IX-100BE uses a 16-bit A/D converter to sample data over its full input range of  $\pm 1V$  at speeds up to 200 kHz. The recorder also offers a wide selection of low pass and high pass filters and gains and is safe for human connection. The recorder incorporates a software programmable 16 bit,  $\pm 5V$  stimulator (DAC). Parameters for the stimulator, such as pulse width, frequency and amplitude, may be changed “on-the-fly.” Standard protocols include Pulse, Train, and Step; protocols can be customized as well.



Download a high resolution image for print [here](#).

The iWorx IX-100BE recorder is controlled by [LabScribe2 software](#), a powerful recording and analysis software package. LabScribe2 has an intuitive, user-friendly interface for setting up acquisition screens, calibrating signals and analyzing data. Up to 128 channels of data can be displayed simultaneously at sampling rates as high as 200,000 samples/second. A comprehensive set of analytical routines has been pre-configured making data analysis and interpretation quick and easy.

More information on iWorx IX-100BE Data Acquisition System can be found at [www.iworx.com](http://www.iworx.com). Contact iWorx Systems, Inc., 62 Littleworth Road, Dover, NH 03820 (T) (800) 234-1757, (F) (603) 742-2455, [billm@iworx.com](mailto: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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