



For Immediate Release

## **iWorx Introduces LabScribe2 Software Module for Performing Automated Blood Pressure Measurements and Analyses**

Dover, NH, May 10, 2011 – [iWorx](#), a developer of advanced physiology research tools, has introduced the [LabScribe2 Blood Pressure Module](#) that provides built-in software routines to perform a number of arterial and ventricular pressure calculations as well as automated batch analyses. The software module is the cornerstone of iWorx suite of [blood pressure measurement and analysis solutions](#), including Fluid-Filled Catheter Systems, Solid-State Pressure-Tipped Catheter Systems, and Non-Invasive Blood Pressure Systems.

The LabScribe2 Blood Pressure Module analyzes data from ventricular and arterial signals in real-time. The software automatically calculates common indices of function from the blood pressure signal. Arterial and ventricular pressure calculations that can be performed include heart rate (HR), minimum (Pmin) and maximum (Pmax) pressure, mean pressure (Pmean), systolic and diastolic pressure, minimum (dP/dtmin) and maximum (dP/dtmax) dP/dt, and more. ([view the full list of calculations](#))

In addition, the software includes automated routines to enable batch analysis of data within a file. Researchers simply choose from a list of 30 calculations, select the report frequency, and then click to write data directly to the online journal or to a spreadsheet file. This feature is ideal for applications where averages need to be calculated periodically over the course of a longer experiment. The software also facilitates analyses involving implantable telemetry devices where periodic reporting of blood pressure data is required.

iWorx Blood Pressure Measurement and Analysis Solutions are configured from a wide range of high performance components, including transducers, catheters, non-invasive devices, amplifiers, recorders, and cables. iWorx also offers additional LabScribe2 software modules for ECG analysis, metabolic calculations, pressure-volume loops, and cardiac analyses.

More information on iWorx LabScribe2 Blood Pressure Analysis Module can be found at [www.iworx.com](#). Contact iWorx Systems, Inc., One Washington Street, Suite 404, Dover, NH 03820 (T) (800) 234-1757, (F) (603) 742-2455, [billm@iworx.com](mailto:billm@iworx.com).

Download a high resolution software screen image [here](#).

### **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.*

Media Contacts:

Bill Mitchell

[billm@jworx.com](mailto:billm@jworx.com)

603-742-2492/(800) 234-1757

Tom Ricci

[tom@riccicomunications.com](mailto:tom@riccicomunications.com)

401-354-2360