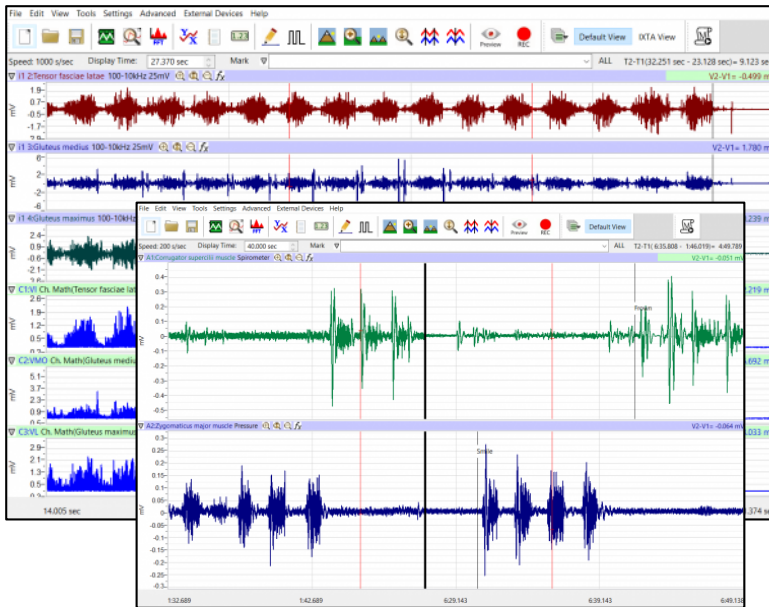


iWorx RS-EMG

Small Animal Surface EMG

The iWorx RS-EMG system enables surface EMG recordings for Human and Large Animal subjects. It provides the ability to record noninvasive EMG quickly and efficiently. The device's small profile allows it to be used in a variety of studies both in and out of a research environment. The included LabScribe analysis software is designed for complete flexibility and control with a user friendly interface. The system is available with 4 or 8 channels.



Features

- Portable
- Plug and Play Technology
- Report Generator
- USB Powered
- Fully-Modifiable Filters
- Analysis, Data Processing, and Experiment Builder
- No Syncing Required



RS-EMG4: 4 Channel Recorder



RS-EMG8: 8 Channel Recorder

Includes

- BIO Series Recorder
- Color-coded Leads
- 100 Surface Electrodes
- LabScribe 4.0 Analysis Software
- Open Site License
- Free Tech Support



iWorx TA Physiology Courseware

iWorx courseware includes over 80 experiments and 250 exercises in cardiovascular, neuromuscular and spirometric physiology, as well as all of the components and professionally developed courseware you need to conduct the labs. Use pre-configured teaching kits or iWorx unique LabsByDesign approach to simply choose only the equipment you need for the labs you want to teach.

Human Circulation

- Blood Pressure, Peripheral Circulation, and Body Position
- Blood Pressure, Peripheral Circulation, and Imposed conditions
- Pulse Wave Velocity

Human Heart

- The Electrocardiogram (ECG) and the Pulse
- Heart Sounds and the Electrocardiogram (ECG)
- The Effects of Exercise on the Electrocardiogram (ECG) and the Pulse
- The Six-Lead Electrocardiogram
- The Diving Reflex
- Heart Rate Variability (HRV)

Human Muscle

- Grip Strength and Electromyogram (EMG) Activity
- Electromyogram Activity in Antagonistic Muscles
- EMG and Arm Wrestling
- Oculomotor Muscle Activity
- Response, Work, Summation and Tetanus in Human Muscle
- Kinesiology Targeted Muscles
- Human Muscle Twitch

Human Spirometry

- Breathing Parameters at Rest and after Exercise
- Breathing and Gravity
- Factors that Affect Breathing Patterns
- Lung Volumes and Heart Rate

Human Nerve

- Auditory and Visual Reflexes
- Stretch Receptors and Reflexes with Reflex Hammer
- Stretch Receptors and Reflexes with Plethysmograph
- Human to Human Interface

Animal

- Skeletal Muscle - Work, Summation and Tetanus
- Smooth Muscle Contraction
- Byssal Retractor Muscle
- Frog Electrocardiogram
- Crayfish Heart
- Membrane Potentials
- Compound Action Potentials
- Cockroach Leg Mechanoreceptors
- Cockroach Cercal Sense Organs



iWorx Systems, Inc.

www.iworx.com