

## Making Physiology Happen

iWorx offers complete solutions for the teaching of psychological physiology as well as advanced, high performance systems for research. The numerous “hands-on” experiments provide student involvement that enhances the overall learning experience.

# Psychological Physiology Teaching Kit



**Step-by-step  
instructions**



**65 labs  
and 100+  
exercises**



**Adaptable to  
any lab  
manual**



**Quick  
setup**

## Psychological Physiology Kits Include:

- TA Control Module with iWire-compatible Biopotential (ECG, EMG, EEG) Amplifier, Built-in Stimulators
- LabScribe™ Software
- Pulse Probe
- Respiration Monitor
- Non-Invasive Blood Pressure Sensor
- Temperature Sensor
- Heart Sounds Sensor
- Event Marker
- Foot Reaction Switch
- Bi-color Light Source
- Ag/AgCl EEG Reusable Button Electrodes
- Courseware

## Psychological Measurements:

- Hemispheric EEG
- GSR
- ECG and Blood Pressure
- Facial EMG
- Skin Temperature
- Stroop Test
- Eriksen Flanker Test
- Reflex Testing
- Reaction Times
- Polygraph

# Psychological Physiology Courseware

iWorx courseware includes over 80 experiments and 250 exercises in psychological, cardiovascular and neuromuscular 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 Psychology:

- The Electroencephalogram (EEG)
- The Galvanic Skin Response (GSR)
- Investigation into “Cheating” (Polygraph)
- Biofeedback
- The Stroop Effect
- Eriksen Flanker Test
- Rubber Hand Illusion
- Prepulse Inhibition
- Evoked Potential
- Personality and Vagal Tone
- Cynicism/Hostility and the Hot Reactor
- Skin Temperature, Stress, Calming and Embarrassment
- Multisensory Reaction Times
- Facial Expression EMG
- Gaze-Cue Paradigm

## Human Muscle:

- The Electrooculogram (EOG)
- Human Muscle Twitch
- Arm Wrestling

## Human Nerve:

- Auditory and Visual Reflexes
- Hand versus Foot Reactions
- Visual Reflexes and Color Stimulation
- Human-to-Human Interface

## Human Cardiovascular:

- Blood Pressure
- ECG and Peripheral Circulation
- The Diving Reflex
- Pulse and Heart Rate Variability (HRV)
- Exercise, the Electrocardiogram and Peripheral Circulation