

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 Lab Kit



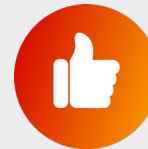
Step-by-step
instructions



65 labs
and 100+
exercises



Adaptable to
any lab
manual



Quick
setup

Psychological Physiology Kits Include:

- TA-ROAM Recorder with Wireless ROAM (EEG, ECG, EMG) Amplifier, Built-in Pre-calibrated Sensors
- LabScribe™ Software
- Response Pad
- Nasal Cannula
- Non-Invasive Blood Pressure Sensor
- Heart Sounds Sensor
- Event Marker
- Pulse, SPO2 and Temperature Sensor
- GSR Electrodes
- EEG Headband
- Foot Reaction Switch
- Bi-color Light Source
- Lab Manual

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 Lab Manual

iWorx lab manual includes over 65 experiments and 100 exercises in psychological, cardiovascular and neuromuscular physiology, as well as all of the components and a professionally developed lab manual. 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