Making Physiology Happen

The REACH-DL is a high school lab kit designed for A&P classes. The kit contains the sensors, recording software, and write-ups to perform over 15 core experiments introducing your students to the fundamentals of cardiovascular, neuromuscular and respiratory physiology.

REACH High School Physiology System

College level experiments

Promotes active learning

Inquiry based labs

Student friendly

Each exercise is laid out in a step-by-step, simple-to-use fashion, allowing your students to perform hands-on experiments, easily analyze their findings, and generate a report.

REACH High School Physiology Kits Include:

- REACH Physiological Recorder
- LabScribeDL Recording and Analysis Software
- Set of 5 snap leads for ECG/EMG and Respiration (C-ISO-SL5)
- 50 electrodes ECG/EMG/Respiration Electrodes (A-ELEC-50)
- Kit Box (A-KB-REACH)

Heart:

- ECG – Rest & Recovery
- ECG – Exercise & O2 Saturation
- ECG – Temperature & Arm Position
- Diving Reflex

Muscle:

- Grip Force
- Muscles in Opposition
- Electrooculogram (EOG)
- Electrogastrogram (EGG)
- Targeted Exercise

Reflexes:

- Eyes vs. Ears
- Color Test

Breathing:

- Rest & Recovery
- Exercise & O2 Saturation
- Breathing & Body Position
- Activities & O2 Saturation

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