

Operation:

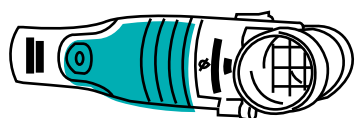
# Human Physiology

The human body can be an intricate, perplexing mystery to students. As the foundation of biomedical science, human physiology gives students the ability to understand how our bodies work.

Check out our map of the robust suite of technology-enabled resources from Vernier, which provides an affordable and accessible way for students to build a strong understanding of human physiology.

## Go Direct Spirometer

Measure ventilation of the human lungs, respiratory flow rate, tidal volume, and vital capacity.



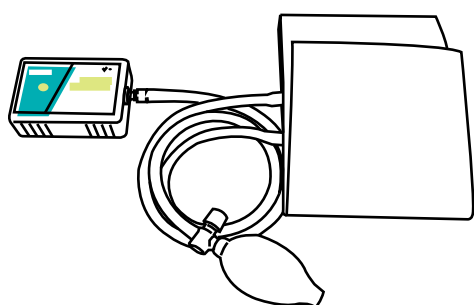
## Go Direct Oxygen Gas

Measure gaseous oxygen concentration levels and air temperature.



## Go Direct Blood Pressure

Measure blood pressure non-invasively using the oscillometric method.



## Go Direct® EKG

Record electrical signals produced during heart or muscle contractions.



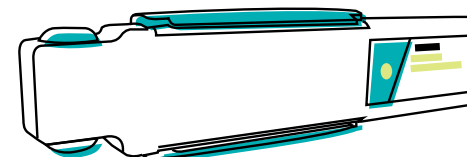
## Go Direct Respiration Belt

Measure human breathing patterns.



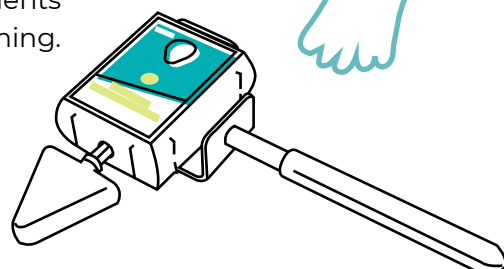
## Go Direct Hand Dynamometer

Measure grip and pinch strength, and, when paired with Go Direct EKG, students can perform muscle fatigue studies.



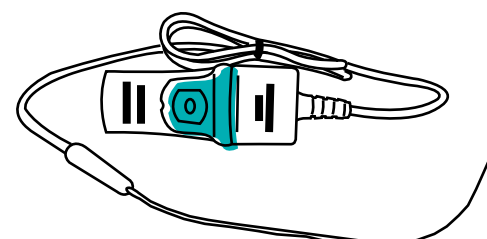
## Go Direct Force and Acceleration with Reflex Hammer Accessory Kit

With the Reflex Hammer Accessory Kit, our force sensor easily transitions into a reflex hammer so students can study reflex timing.



## Go Direct Surface Temperature

This sensor was designed for rapid response time, which makes it perfect for human physiology experiments, such as measuring skin temperature.



Learn more about our human physiology resources at [www.vernier.com/physiology](http://www.vernier.com/physiology)