

## Physio Tracker v2 + EyeDetect Station v4 = EyeDetect+

EyeDetect+ is a lie detection solution (automated polygraph) consisting of an EyeDetect Station with an eye tracker and a Physio Tracker v2. The Physio Tracker v2 is an optional add-on to an EyeDetect Station (v3 or v4) and may be used with any EyeDetect test license. It is a multi-channel physiology monitor.

Enhanced test scoring will be performed when a Physio Tracker v2 is attached to an EyeDetect Station. Otherwise, standard test scoring will be performed.

The Physio Tracker v2 uses various sensors to measure and record the following:

- Electrodermal activity (EDA) recorded from electrodes attached to two fingers on one hand
- Respiration activity recorded from strain gauge(s) strapped around the chest or abdomen
- Electrocardiogram (ECG) recorded from electrodes attached to both wrists
- Peripheral vasomotor activity – recorded from photo plethysmograph (PPG) attached to one finger
- Pulse transit time (an indirect measure of blood pressure) derived from ECG and PPG signals
- Body movement recorded from a seat activity pad with 256 sensors



### Specifications

The Physio Tracker is a multi-channel physiology monitor with 16-bit signal resolution. It is powered by USB and uses medical-grade 1.5 mm pin-to-snap leads for electrode connections.

To use the activity pad, the chair's seat must be wider than 16" x 16" to ensure the sensor (contained in an area measuring 12.6" x 12.6") can be placed on the flat surface of the seat.

### Legal

The Physio Tracker gathers data similar to that of a traditional polygraph instrument. As such, EyeDetect+ complies with the U.S. Department of Labor's definition of the polygraph, which states that a polygraph is "an instrument that records continuously, visually, permanently, and simultaneously changes in cardiovascular, respiratory, and electrodermal patterns as minimum instrumentation standards."

### Requirements

Must be used with an EyeDetect Station v 4.

### Suggested Retail Price – Physio Tracker v2

US\$2,995

