



## The most robust, reliable biosensor to measure skin conductance (and more) on the go.

Collect objective measures of sympathetic nervous system activation during everyday activities (including sleep).



- **Wireless and mobile** so participants aren't tethered to a computer or stuck in a lab
- **Small and comfortable** so participants can wear it without distraction
- **A three-dimensional motion sensor** indicates when and how you are moving
- **Measures temperature** so you can control for environmental influences
- **Versatile form** factors allow you to wear on the wrist, leg, palm and more

"As a transducer and recorder, the Q is a real engineering triumph. It is vastly superior to the competition."

DR. WALTON ROTH  
Professor of Psychiatry and  
Behavioral Sciences  
Stanford University School of Medicine

"We created these at MIT so we would have a way to measure emotional arousal in the real world, outside the lab. Now Affectiva has made them robust and easy to use with great tools for visualizing the data."

DR. ROSALIND PICARD  
Co-founder and Chair of Affectiva and  
Professor of Media Arts and Sciences  
Massachusetts Institute of Technology



- Event marker
- Length: 56.6mm (2.15")
- Width: 38.1mm (1.5")
- Height: 14.7mm (0.60")
- Weight: 22.7g (0.8oz)



- EDA sensors
- Temp sensors
- Motion detector
- USB port

### Package includes everything you need to successfully measure and visualize data

- Sensors
- Electrodes
- Wristband
- Software to compare, review, label and share data

### Sensors

- Electrodermal activity (EDA) in microsiemens
- Electrode temperature in Celsius or Fahrenheit
- 3-Axis accelerometer in G's
- Sampling rates at 2,4,8,16,32 Hz

### Sensor Accuracy

- Validated with cognitive, affective and physical tasks\*
- Highly correlated with FDA-approved sensor\*
- Test published in top scientific peer review journal\*
- Every sensor tested for quality control
- For additional validation, please visit [www.affectiva.com/resources/](http://www.affectiva.com/resources/)

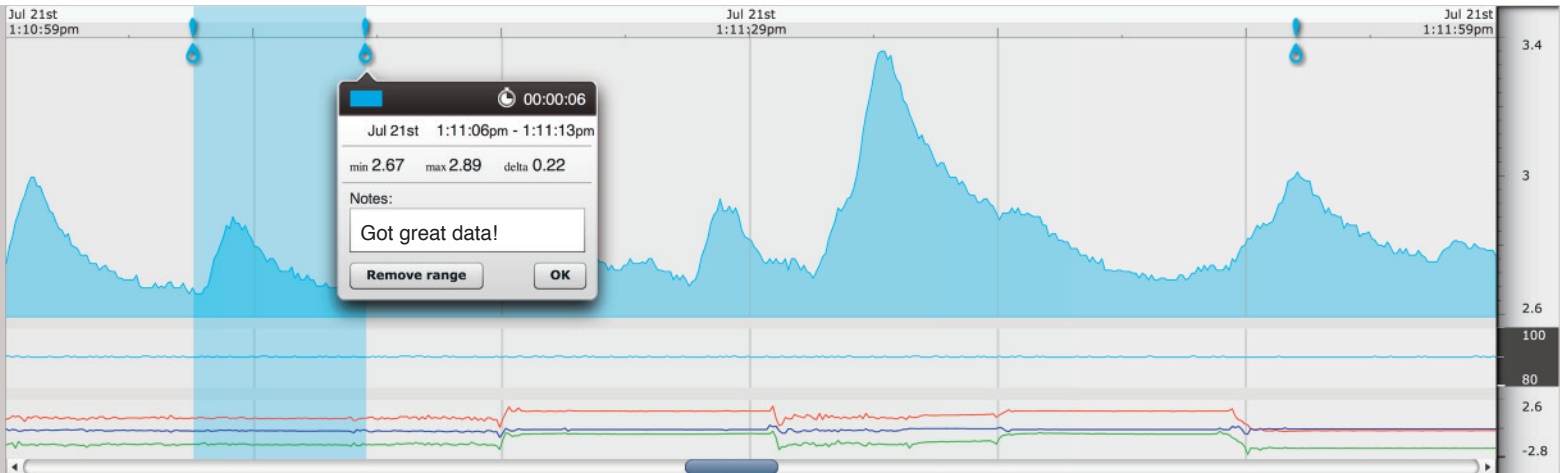
\* Note: refers to core Q Sensor technology from MIT

### Additional Features

- You can snap standard medical electrodes into the sensor to compare to traditional sensors
- Designed to work with dry electrodes, to avoid degradation of gels over long-time wear, or gel electrodes if preferred
- An onboard event button lets you mark times of significant experiences
- An onboard clock lets you synchronize data with other systems
- Windows and Mac OS compatible

### Battery and memory

- 24-hour battery life
- Rechargeable battery
- 2 GB on board flash memory (3 months of data @ 8 Hz)



The Q Sensor comes with unique software for viewing and comparing data.



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