**Application Description**

Record and analyze eye position and movement, or observe vestibular response or “jitter” wirelessly with BioNomadix®, or with tethered amplifiers and the powerful MP150 research system. For precise pupil tracking and movement analysis choose from a variety of complete eye tracking systems for binocular and monocular assessments. Use AcqKnowledge® tools to calculate movement, rate, direction, frequency, distance and velocity. For attention studies, use the X/Y plotting function to track eye travel and point of focus during or after data collection. For eye travel studies and reading experiments, use AcqKnowledge® to process raw EOG data to isolate signal behavior associated with nystagmus, saccades and microsaccades. Present visual, auditory, or electrical stimulation via stimulus presentation programs including SuperLab, E-Prime, or Vizard and record corresponding EOG responses.

**Advanced Features**

- Eye Tracking
- Eye Travel and Position
- Vestibular Function
- Saccadic Eye Movements
- And More!

**Selected Research Citations Below**

**Search online** for more than 830 BIOPAC citations for EOG: Eye Movement

**Social Attention, Affective Arousal and Empathy in Men with Klinefelter Syndrome (47,XXY): Evidence from Eyetracking and Skin Conductance**


**Automated Real-Time Behavioral and Physiological Data Acquisition and Display Integrated with Stimulus Presentation for fMRI**


**Reading from a Head-Fixed Display during Walking: Adverse Effects of Gaze Stabilization Mechanisms**


**Quiet Eye and the Bereitschaftspotential: Visuomotor Mechanisms of Expert Motor Performance**


**Exploring Reading Comprehension in Undergraduate Students with ADHD Symptoms**


**P300 Event-Related Potential as an Indicator of Inattentive Deafness?**


**Needleless Transcutaneous Electroacupuncture Improves Rectal Distension-induced Impairment in Intestinal Motility and Slow Waves via Vagal Mechanisms in Dogs**