Amplifiers and Interfaces

Application Description
BIOPAC offers one of the largest ranges of amplifiers in the industry, with a wide variety of interface cables, including isolated interfaces for human and non-isolated for animal and in vitro applications. The MP System will interface with a wide variety of third-party equipment such as flow meters, force plates, sono-micrometers, telemetry equipment, transducers, amplifiers, metabolic carts, and bedside monitors.

Advanced Features
- Automated Noninvasive Blood Pressure—Human
- Isolated Inputs and Outputs
- Automatically Control External Equipment
- Connect to MP160 Systems
- Interface with Third-Party Transducers
- And More

Watch Amplifier and Interface Video Tutorials at the BIOPAC Website

Selected Research Citations Below

Search online for more than 1,790 BIOPAC citations for Amplifiers and Interfaces

- Chest Movement and Respiratory Volume both Contribute to Thoracic Bioimpedance during Loaded Breathing
  Dolores Blanco Almazán, et al (2019). Scientific Reports, 9, Article No 20232

- Chapter 5 - EXO-UL Upper Limb Robotic Exoskeleton System Series: From 1 DOF Single-Arm to (7+1) DOFs Dual-Arm

- Human visual steady-state responses to amplitude-modulated flicker: Latency measurement

- Development of Electrohysterogram Recording System for Monitoring Uterine Contraction

- Physiological Correlates of Fluent and Stuttered Speech Production in Preschool Children Who Stutter

- Case Report: Effects of Lower Thoracic Spinal Cord Stimulation on Bowel Management in a Person with Spinal Cord Injury

- Hybrid EEG-fEMG based Human-Machine Interface for Communication and Control Applications

- Increased cardiorespiratory synchronization evoked by a breath controller based on heartbeat detection
  Yumiao Ren, Jianbao Zhang, (2019). Biomedical Engineering Online, 18, Article 61

- Distinguishing TBI malingering and fatigue using event-related potentials