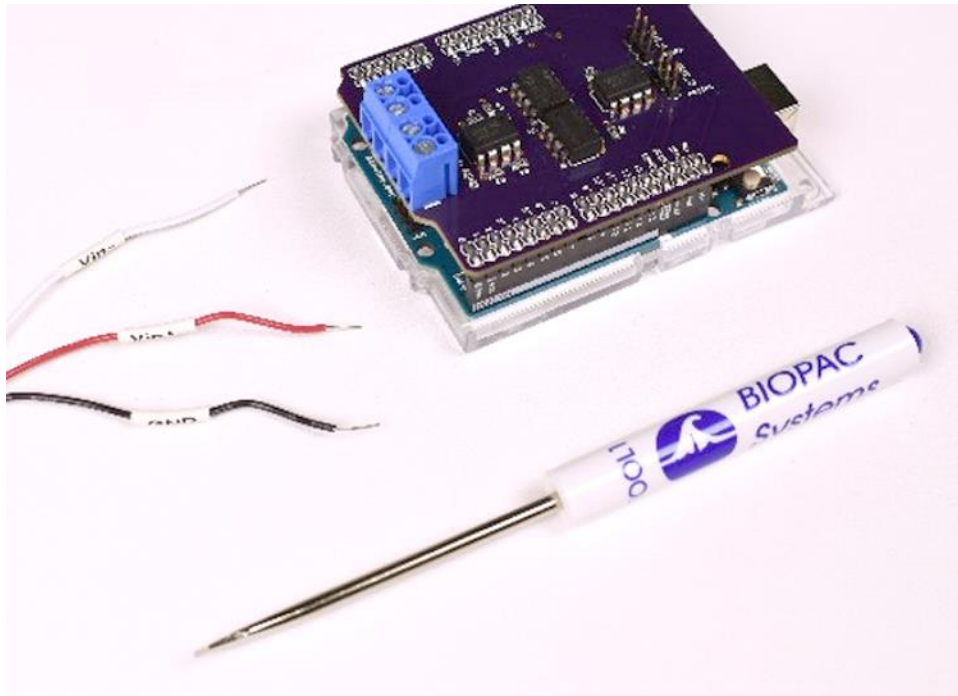


BSL DEVELOPMENT BOARD (BSL-DEV-S)

This Development Board with Shield is required for the overall system test in Lab 10 of the [H40 EMG-Controlled Robotic Arm Lesson Set](#); a script and instructions for running the BSL-DEV-S are included in the lesson journal and lab protocol. The Development Board converts both EMG analog signals to PWM (pulse width modulation) digital signal, which drives each Servo motor. The shield provides optical isolation.

BSL-DEV-S includes a USB cable (CBLUSB) to provide power and for programming the development board.

The development board is derived from Arduino but is not connected to Arduino; any tech support request must be directed to [BIOPAC Support](#).

One BSL-DEV-S is included in BSLBME-ROBOT-HW and BSLBME-ROBOT-TA.