

# Pasco Workshop: Physics With the Xplorer GLX

Tuesday, Jan 11, 2005 8:00 - 9:30 AM

The [Xplorer GLX](#) is a portable laboratory interface still under development. The unit features a Graphic User Interface (GUI). Internal sensors include two temperature, one voltage, audio in/out, microphone, speaker, and two independent signal generators. Two USB ports allow connection of a mouse, keyboard, or external computer. There are four external probe connectors, and one external power connector, as well as an internal rechargeable battery pack. The software is stored in flash memory, and upgradeable.

During the time allotted, I tried three [experiments](#).

- (i) Electrocardiogram (myself)
- (ii) Force vs Position for a mass on a spring
- (iii) EMF vs time for a bar magnet dropped through an 800 turn coil

Visit [www.pasco.com](http://www.pasco.com) for more information.