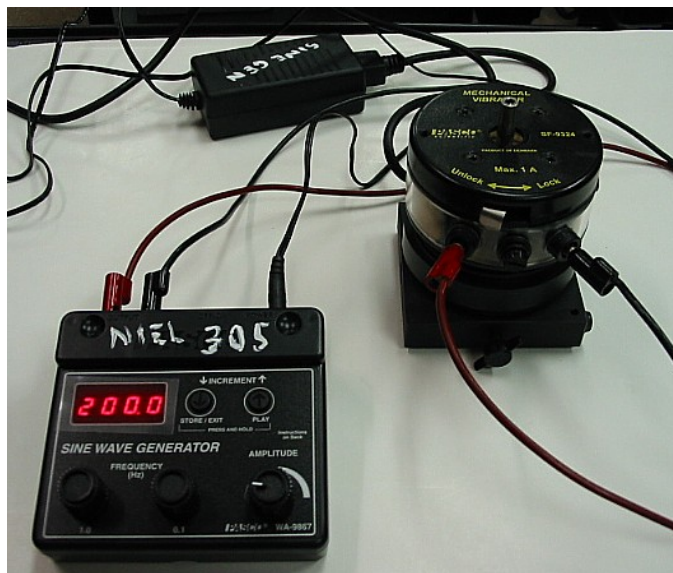


Pasco Sine Wave Generator and Transducer



Purpose: Driver for wave motion demos.

Pasco's new sine-wave generator is very useful for demos. The fine (0.1 Hz) adjustment is great when dealing with resonance phenomena. Frequency can be adjusted using fine and course knobs and up/down increment buttons (programmable/default 100 Hz) from 1.0 – 800.0 Hz. Furthermore, you can program it to ramp the frequency by a given increment with a given dwell time.

Fairly readable instructions are found on the back of the unit.

The Pasco linear motion transducer (a speaker) is integral to all the standing wave demos. When attaching the various accessories to its banana-plug fitting, be careful not to flex or pull it too much. (In principle you can lock the arm to prevent damage.)

Note: The generator can be attached to a thin ring stand, so the students can see the settings. This would be particularly nice if you are scanning frequencies.

Extra Equipment Needed: None

Location: Shelf D2