

**Item Name :** Melde's Experiment Vibrator

**Item Code :** 3070.2008.01

**Item Description :**

Melde's Vibrating String experiment is an elegant way to introduce students to the concept of standing waves. The apparatus consists of a visually determine wavelength, period and amplitude of waves. A string undergoing transverse vibration illustrates many features common to acoustic systems just like the vibrations of a violin or guitar string. To adjust the tension of the string, various amounts of mass can be placed in the tray that hangs off the side of a table or lab bench with the use of the included pulley. In this experiment the change in frequency produced when the tension is increased in the string – similar to the change in pitch when a guitar string is tuned – can be measured.

Requires 6 V, 50 Hz power source, supplied to Melde's apparatus via 4mm plug leads.

**Item Image :**



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