



## Mechanical wave kit II with sensor and software

EQ181H

### Function

It is geared towards the study of issues concerning mechanical waves, longitudinal waves, transverse waves, waves in strings, waves in springs, sound waves, sound, stationary waves in strings and vibrating springs, noise, reverberation, echo, amplitude, wavelength, frequency, period, propagation speed, beating, interference, speed, vibration in plaques, Chladni figures, etc.

Software for real-time audio acquisition for Windows 7/8/10 operating systems. Analyzes FFT (Fast Fourier transform) of signals acquired in real time. Analyzes signal in time and frequency domains.

### Knowledge areas

Physics

### Level

Graduation - Technical education

