



## Mechanics kit with releser, sensors and software

EQ805A

### Function

It is geared towards the study of particle mechanics, particle kinematics, 2D motion, particle dynamics, Newton's Laws, equilibrium, work and energy, mechanical advantage, conservation principles, mechanical energy conservation, conservation of the amount of motion, elastic collision, rigid body mechanics, rigid body rotation, rotation kinematics, rotation dynamics, moment of inertia and conservation of the amount of motion, simple pendulum, fluid mechanics, hydrostatics, Archimedes' principle, determination of densities, waves, oscillatory motion, simple harmonic motion, damped harmonic motion, mechanical waves, longitudinal mechanical waves, amplitude, beat, wavelength, frequency, period, etc.

Note: Set may be used conventionally or monitored by computer. Can be coupled to both the CidepeLab interface and the data-processing, scrolling, 5-input multi-chronometer.

### Knowledge areas

Physics

### Level

Graduation - Technical education

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