



Free fall set, fences and spheres, analog and digital multimeter, photoelectric sensor

EQ235DJM

### Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: Movement in one dimension. Kinematics. The free-fall movement with a specimen of 10 equal intervals. The free fall movement with a specimen of 10 different intervals. The acceleration of gravity. The hourly function of the MRUV free fall. Energy conservation. The principle of conservation of mechanical energy in a falling cylinder. The gravitational potential energy of a body is a function of its position. The kinetic energy of a body in translational motion is a quadratic function of its velocity. The principle of conservation of mechanical energy in falling bodies. The principle of conservation of mechanical energy in a falling sphere. The gravitational potential energy of a body is a function of its position. The kinetic energy of a body in translational motion is a quadratic function of its velocity. The principle of conservation of mechanical energy in the fall of a spherical body, etc.

Note: External memory device for USB pen drive connection is not included.

### Knowledge areas

Physics

### Level

Graduation - Technical education - High school

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