

KINETIC ENERGY AND POTENTIAL ENERGY

Reference : NRJPOS



- Ease of implementation
- Immediate results
- 2 digital photogates supplied (ref. BEESPI)
Together allowing students to discover in a very simple way the position energy and the potential energy.
Two digital photogates (provided) placed on guides capture the passage of a ball in a transparent tube. They instantly display the speed of the ball, and it will thus be easy to calculate the acceleration.
The transparent tube is fixed on a wooden rail that is tiltable from 0 to 90 °. We can therefore perform the fall experiments on inclined plane or free fall.
A receptacle with an embedded foam is attached to the lower end of the tube to dampen the fall of the ball.

Technical characteristics:

- Transparent tube fixed on a wooden rail graduated on 960 mm
- Tilting possible from 0 to 90 °
- Graduated protractor to measure inclination
- 2 guides to effectively hold the digital photogates at the desired height
- 2 digital photogates are provided (without battery) 1100 x 100 x 146 mm

