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## [Collision Experimental Apparatus](#)

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[Collision Experimental Apparatus](#) is used to learn energy conservation and momentum conservation laws by studying the collision of two balls. [Collisions](#) between objects is a common phenomenon in nature. Meanwhile, the simple pendulum motion and flat parabolic motion are both basic motion in Kinematics. [Collision Experimental Apparatus](#) also can study the simple pendulum motion before collision and flat parabolic motion after collision. On the basis of, the energy loss of the collision between theoretical calculated and experiment obtained is different. Consequently, [Collision Experimental Apparatus](#) deep laws of Mechanics, analyze and solve mechanical problems such as shooting.

## Collision Experimental Apparatus

### Main Technical Parameters

<u>Collision Experimental Apparatus</u>	Specifications
SKU	<a href="#">0301040140</a>
Height adjustable post	with electromagnet, scale range: 0-200 cm
Swing ball	steel, diameter: 20 mm
Target ball	two, diameter: 20 mm and 18 mm, respectively
Guide rail	high strength aluminum alloy, dovetail structure, guide length: 35cm.
Ball bearing post rod	upper section is round, diameter: 4 mm, weak magnetism
Simple pendulum support post	length: 45 cm, wire length adjustable
Target box	length: 30 cm, width: 12 cm

\*Products and configuration list described herein are subject to changes without notice.