

Product Name :
Collision in Two Dimensions

Product Code :
ALTECEDULABA0059



Description :

Collision in Two Dimensions

For demonstrating the principle of conservation of momentum and showing that momentum is a vector quantity having direction as well as magnitude. The apparatus comprises the following items.

1. A curved wooden runway and its highest point, having a groove down which a steel ball may be rolled.
2. An object sphere support. This is an adjustable device which attaches to the mounting plate of the runway and will support a ball either exactly opposite the end of the runway for head-on collision or slightly offset for oblique impacts.
3. A plumb-bob for making the plumb line.
4. Two spheres (steel ball bearing 19 mm. diameter).

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