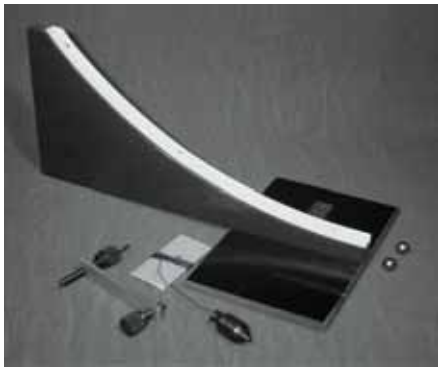
COLLISION IN TWO DIMENSIONS KIT
For collision experiments to show that momentum is a vector quantity. The unit contains one curved ramp and spherical masses. There is also a simple plumb bob device. Designed to be used by two pupils.

P15-6500 Collision in Two Dimensions Kit


P15-6500

FALL OF BODIES APPARATUS
To demonstrate that the vertical acceleration of a body is independent of its velocity in a horizontal direction. Comprises a spring loaded L-shaped launcher with two holes for ball locations, mounted on a wood block 200 x 60 x 30mm. Supplied complete with two 19mm diameter balls which can be conveniently stored in the wood base.

P15-6700 Fall of Bodies Apparatus


P15-6700

PROJECTILE LAUNCHER
Table unit for launching projectiles vertically, horizontally and at an angle for the optimal study of the laws of gravity. A helical spring can be pre-tensioned in three different positions resulting in three different projectile energies, 1, 1.5 and 2.5 Joules. An alignment aid permits targeted launches. An angle measuring device on the housing indicates the inclination of the unit using the plumb bob principle. Maximum projectile range is 9m, with a maximum projectile height of 4.5m. Supplied with three plastic balls each weighing 10g. The equipment is mounted on the bench using a clamping bolt. Weight 3kg. Size: 120 x 70 x 225mm.

P15-6850 Projectile Launcher


P15-6850

FLEXIBLE CURTAIN RAIL
Used to demonstrate the conversion of potential energy to kinetic energy and the conservation of energy. The tracks are supplied in approx. 2m lengths. For use with ball bearing.

P15-6900 Flexible Curtain Rail


P15-6900