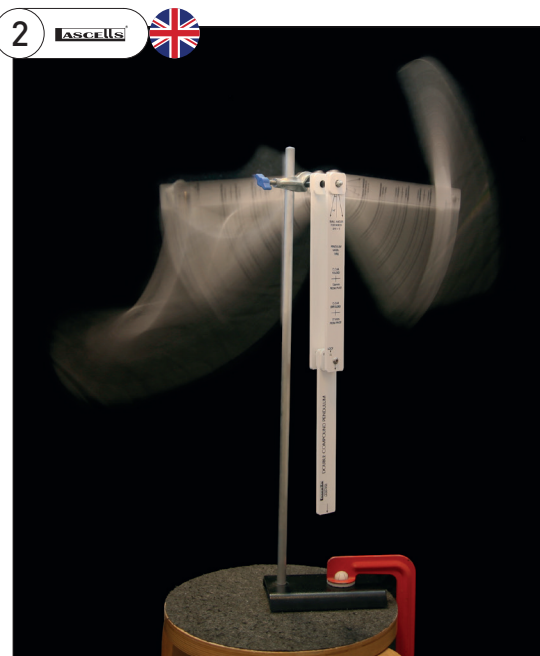


1. Lascells Rotary System

This simple but effective system makes a complicated topic into one of the most enjoyable lessons possible for students at secondary level. It allows students to easily investigate the forces of circular motion, so that they get hands-on experience of the effects. A spring system is enclosed in an acrylic tube, so that the student can whirl a rubber ball around in a horizontal circle to measure the centripetal force. Radius and mass are easily varied, and rotational speed is simply measured by timing the revolutions. The forces acting can be measured in 'force increments' or in newtons if the spring is calibrated beforehand. Full instructions included.

Code	Pack	Price
PY3054	Each	£41.88



2. Lascells Double Compound Pendulum

This apparatus provides a dramatic demonstration of physical pendulum behaviour. For small amplitudes of oscillation the pendulum exhibits predictable behaviour; however for large amplitudes the motion is chaotic. In addition the apparatus may be locked in two positions giving two different length physical pendula. The variation in period between the physical pendulum and an approximated simple pendulum can be demonstrated. From the given data of mass distribution the centre of oscillation may be determined and therefore a value for g may be found.

Dimensions: 270 × 45 × 30mm folded 460 × 45 × 30mm unfolded (excluding mounting handle).

Code	Pack	Price
PY3082	Each	£42.42

3. Ball Bearings, Steel

For motion experiments and games.

Code	Ø, mm	Pack	Price
EDU1003	6	100	£5.12
EDU1002	16	10	£2.37



4. Air Zooka

The famous Victorian scientist C. V. Boys demonstrated the vortex phenomena created by the Air Zooka by firing his own cardboard box version through a window to knock the top hats off passing pedestrians! This amazing toy creates a rotating doughnut shaped ring of air that flies out of the nozzle at high speed. It retains its integrity over a distance of up to 5m and can still knock over lightweight objects at this distance.

Code	Pack	Price
SE314-005	Each	£38.74



“ Good availability of products and delivered within good timescale. Helpful and supportive sales rep. – Wilson, Belfast High School, Northern Ireland ”