



## P2072 FLETCHER TROLLEY APPARATUS

### APPLICATIONS

- ◆ Measurement of velocity and acceleration
- ◆ Experiments on Moments of Momentum and Angular Acceleration
- ◆ Rolling Disc and Galileo rolling ball experiments
- ◆ Wide range of experiments involving impact of trolleys

### FEATURES

- ◆ Two trolley system
- ◆ Weights and consumables included
- ◆ Swinging arm available for angular momentum experiments (P2073)
- ◆ Accurate and repeatable results

### DESCRIPTION

Cussons P2072 Fletcher Trolley apparatus is manufactured to the well known sturdy design. The apparatus is elaborately equipped for a wide range of investigations into both linear and angular motion.

This all metal system consists of a steel guided plane, 180 cm long, machined from a stiff girder section with a "V" groove and flat for guiding. The centre is slotted for the Rolling Disc experiment. A pair of echelon pulleys is provided at either end and there are two bridges adjustable for position along the length of the plane. Slope is controlled by an adjusting screw and measured on a scale. Two trolleys are provided, equipped with buffers and spear and plug for interlocking.

Supplied complete with trolley masses, double set of slotted weights and hangers, balanced rolling disc and axle, rolling balls, 2 vibrating arms, packing block, paper rolls, ink and brushes.

### P2073 Swinging Arm for Fletcher Trolley Apparatus

For experiments on Moment of Momentum and Angular Acceleration and mounted on a bracket provided on the plane of Apparatus P2072. The lever is 58 cm (23") long accurately balanced and mounted on ball bearings. It is provided with buffers and adjustable masses.

### P2075 Consumables Pack

For use with Fletcher Trolleys comprises six rolls of paper, bottle of ink and brush.

### SERVICES

None required.

### DIMENSIONS

P2072 180 cm long x 15 cm wide x 15 cm high

### SHIPPING SPECIFICATIONS

Gross: 82 Kg

211 cm long x 41 cm wide x 28 cm high