

Pulleys and Block and Tackle Experiment Set

Order code: **5401.1003224**



Cena bez DPH

537,00 Eur

Price with VAT

649,77 Eur

Parameters

Quantitative unit

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For demonstrating how forces can be altered in direction and distributed over an area by simple machines (fixed and movable pulleys, block and tackle) and introducing the concepts of mechanical work, power and energy.

Complete set of equipment consisting of a stable base plate, retort stand rods, pulley blocks, block and tackle, a set of pulleys of various diameters on an axle, weight holders, slotted weights and a reel of cord. All the experiments can be set up quickly and easily since the closed plastic frame around the pulleys prevents the cord from slipping.

- **Base plate:** 810 × 200 mm²
- **Pulleys:** 50 mm dia.
- **Stand rods:** 810 × 12,5 mm dia.
- **Slotted weights:** 2 × 10 g, 2 × 20 g, 2 × 50 g, 4 × 100 g, 4 × 200 g, 1 × 500 g
- **Holders:** 1 × 10 g, 1 × 20 g, 5 × 50 g

Contents:

- 1 Base plate
- 3 Stand rods
- 2 Plastic clamps
- 1 Universal sleeve
- 8 Hooks
- 7 Pulley blocks with 1 pulley
- 2 Pulley blocks with 4 pulleys
- 2 Tandem pulley blocks with 3 pulleys
- 1 Wheel on axle
- 15 Slotted weights
- 7 Weight holders
- 1 Reel of cord

Additionally required:

- 5401.U10073 Measuring Tape, 2 m
- 5401.U11012 Dynamometer 5 N
- 5401.U40801 Mechanical Stopwatch, 15 min