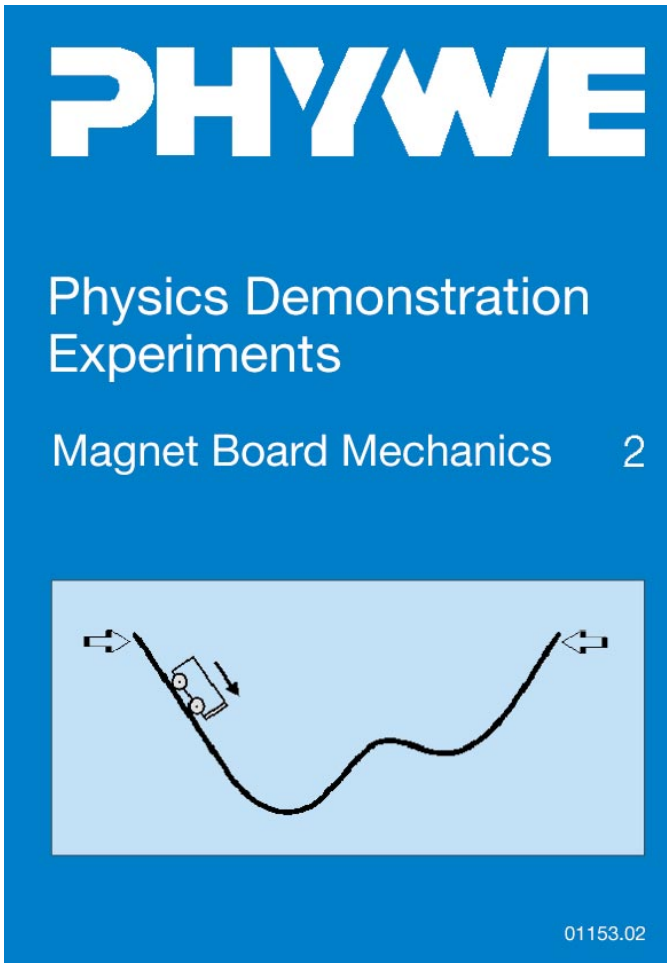


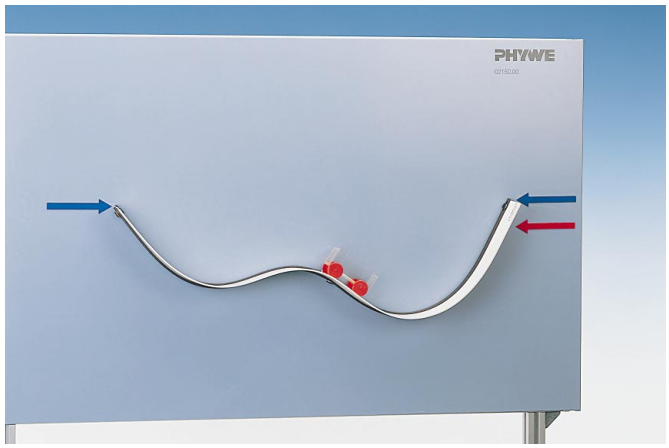
Handbook • Magnet Board Mechanics 2
No. 01153.02 • 18 described Experiments

The use of the demonstration board for physics offers the following advantages for the lecturer:

- Minimal preparation time
- Lucid and simple set-up
- Labelling of the experiment directly on the board
- Magnet-held arrows, linear and angular scales
- Stable storage box
- Both sides of board can be used for mechanics and optics
- Galvanised sheet steel board in aluminium profile frame
- Mechanics side: lacquered
- Optic side: white foil with lined grid

This handbook covers the chapters 4: Movement, 5: Forms of Mechanical Energy, 6: Mechanics of Fluids and Gases

This HANDBOOK can be purchased separately. It contains the experiments listed below. Please ask for a complete equipment list. Ref No 21702



Energy transformation during upward and downward runs (MT 5.1)

4 Movement

MT 4.1 (12960)
Uniform rectilinear movement

MT 4.2 (12961)
Uniform accelerated rectilinear movement

MT 4.3 (12962)
Horizontal and sloping trajectories

MT 4.4 (12963)
Newton's basic principle

5 Forms of Mechanical Energy

MT 5.1 (12964)
Energy transformation during upward and downward runs

MT 5.2 (12965)
Kinetic energy

MT 5.3 (12966)
Energy of refraction

6 Mechanics of Fluids and Gases

MT 6.1 (12967)
U-tube manometer

MT 6.2 (12968)
Hydrostatic pressure

MT 5.3 (12969)
Communicating vessels

MT 6.4 (12970)
Hydraulic press

MT 6.5 (12971)
Artesian well

MT 6.6 (12972)
Archimedes principle

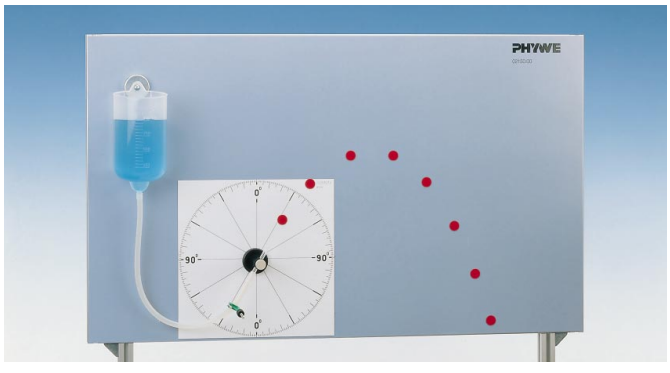
MT 6.7 (12973)
Density determination by measuring buoyancy

MT 6.8 (12974)
Discharge velocity of a vessel

MT 6.9 (12975)
Pressure in flowing fluids

MT 6.10 (12976)
Pressure in gases

MT 6.11 (12977)
Boyle and Mariotte's law



Horizontal and sloping trajectories (MT 4.3)