

Reference : BANCAIR3



This set allows the study of one-dimensional movements without friction by the air cushion technique. A blower (to be ordered separately) injects air into a square profile aluminium track pierced with multiple small holes along its entire length. The air exiting through them allows two mobiles to move on the track while minimising friction.

All accessories included with the device are delivered in a storage case.

Rail dimensions: 85 x 71 x 1950 mm

Mass: 4 kg

Applications:

- Newton's Laws
  - Uniform and accelerated movements
  - Inclined plane
  - Elasticity and inelasticity
  - Kinetic energy
- Composition:
- 1 anodised aluminium profile track 1850 mm graduated in mm
  - 2 sides pierced with 2 rows of  $\varnothing$  1mm holes
  - Adjustment feet included

- 1 compressed air hose (1,80m)
- 2 mobile 90mm
- 2 optical sensor supports
- Pulley accelerometer and inclined plane
- Set of accessories in storage bag