

LINEAR MOTION KIT WITH 2 PHOTOGATE AND TIMER (KIT PERGERAKAN LINEAR)

Objective to study:

1. Instantaneous Velocity and average velocity using light sheet
2. To determine initial velocity and final velocity of the cart
3. Acceleration of the cart
4. Relation between Velocity and force [®]
5. Relation between mass and acceleration



Syllabus :

Fizik Tingkatan 4
Bab 2 – Daya dan Gerakan I

Kit Include:

1. Track carts V2.0
2. 2 X Photogate sensor
3. The track inclination angle adjuster V2.0
4. Pulley V2.0 diameter 50mm
5. Weight sheets 50 g
6. Light-blocking sheets (with width of 20mm, 50mm)
7. Track 1.2m aluminium alloy track
8. Timer AC220V+/-10% 50HZ, power consumption 1W, LED display, timing accuracy 0.1S
9. Plastic I-shape supports V2.0