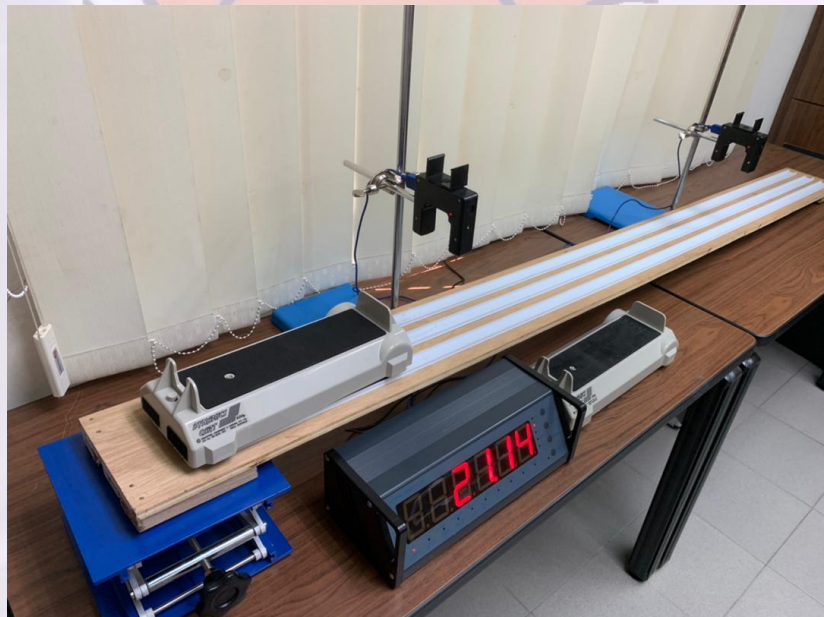


# LINEAR MOTION KIT WITH 2 PHOTOGATE AND TIMER, 1 PAIR DYNAMIC TROLLEY (KIT PERGERAKAN LINEAR)

## Objective to study:

- 1) Instantaneous Velocity and average velocity
- 2) To determine initial velocity and final velocity of the cart
- 3) Acceleration of the cart
- 4) Relation between mass and acceleration
- 5) Inelastic Collision
- 6) Elastic Collision
- 7) Explosion
- 8) Conservation of momentum



AA-L0080

## Syllabus :

Fizik Tingkatan 4  
Bab 2 – Daya dan Gerakan I

## Kit Include:

- 1) 2 unit Dynamic Cart IEC
- 2) 2 unit Photogate with RJ11 to USB Cable
- 3) 1 Unit OBBO SMART Timer LED Big Display
- 4) 1 Unit Wooden Runaway track
- 5) 2 Unit Light-blocking sheet, 2 cm
- 6) 2 Set Retort Stand with bosshead and rod.
- 7) 1 Unit 200x200 mm Lab Jack