

# Galileo Experiment



## Specification:

### I. Structure :

1. One type of experiment platform is larger than W920mmxD150mmxH100mm with slider base in non-slip rubber.
2. On the experiment platform there are two different types of sliding tracks with scale. There are at least four places (including upper location) that set two of synchronized electric magnetic controller in the beginning place and set steel ball and bridge wall (W80mmxD150mmxH65mm) with high 120mm more in the terminal place. There are aluminum U shape sliding track and support that can adjust actively electric speed tester for testing location in side wall. There is scale from 0-105cm.
3. Photoelectric timer
  - (1) Aluminum safety box, there are many function buttons on the board, finishing with ABS plastic cover on two ends.
  - (2) LED digital display, measure range : 0~99.999 second. Accuracy 0.001 second.
  - (3) Electromagnet, microswitch and photogate with ON and OFF plug
  - (4) Start button, reset button, and stop button.
  - (5) Microswitch and photogate on start and stop can do match and cross match.
  - (6) DC 12V power supply × 1
  - (7) Photogate × 2, one piece in ABS plastic attached 2 set of support rods with bigger and smaller size.
  - (8) Size : 200x120x45mm

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