



## DELUXE FREE FALL WITH PENDULUM APPARATUS, 2 PHOTOGATE AND TIMER

An excellent apparatus for determining the value of acceleration due to gravity to a better accuracy

Free Fall Apparatus to determine gravitational acceleration using 2 photogate and Smart Timer.



**BRAND: OBBO**  
**MODEL: PH-D0005**  
**COUNTRY: CHINA**

### PRODUCT DESCRIPTION

- i) Aluminium Ruler length 1.2 m , overall size : 250 X 225 X 1290mm
- ii) Tripod Stand with adjustable levelling feet
- iii) 2 unit of photogate with red LED light indicator and fixed ruler clamp. Supplied with one end USB and one end RJ11 Cable to connect photogate with SMART Timer Big Display .
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- iv) 1 unit Magnet ball releaser and can be connected with SMART Timer Big Display. Supplied with Steel ball size dia : 18mm

- v) 1 Unit OBBO SMART Timer Big Display , Overall size : 250x 145x 110mm. Weight 0.8kg. BRG light-up display for teacher use. large internal memo.(Up to 20 data points can be recorded)come complete with 2 Photo gates can measure the time interval between two photogates,measure the time it takes to pass through one photogates,measure acceleration of a released ball, determine the acceleration due to gravity with a picket fence (not supplied),determine elastic and inelastic collision times, calculate cycles, determine the frequency of a rotating object, determine the period of a pendulum, and count time with great accuracy.
- vi) 1 unit pouch bag to collect steel ball from releaser
- vii) Come with Experiment Literature for determine gravitational acceleration 'g' in english.

