



THE LAB EQUIPMENT

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Product Name :

Apparatus for Determining "g" During the Free
Fall of Bodies

Product Code :

SCL-391/05



Description :

DESCRIPTION :-

- The device for determining the "g" during the free fall of bodies consists of a stopwatch for determining time in seconds (digital) and a tape measure (1.5, 2m), which measures height, spherical bodies with a diameter (50-100) mm.
- Very easy to set up and use but nevertheless highly accurate. Includes 3 steel balls.
- A micro-magnet holds the ball in its start position.
- Three contact pins under the release mechanism ensure that the start position of the ball can be reproduced and act as the contacts of a switch that opens when the ball is released, thus triggering the beginning of the timing measurement.
- When the ball strikes the contact plate at the bottom, the timer is stopped.
- The ball is also held firmly on the plate so that it does not bounce.
- The height through which the ball drops can be adjusted to a fraction of a millimeter and read off a scale on the column.