Email : sales@scilabexport.com
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Product Name :

Digital Chronometer (Stopwatch)

Product Code :

SCL-059/01b



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Description :

Digital Chronometer (Stopwatch) (Product Code: SCL-059/01b) is a compact digital electronic stopwatch for timing motion, oscillation and reaction experiments in the school laboratory. Its 10 mm display figures are easy for a whole group to read, and its stated accuracy is 0.01 s. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside its wider line of physics lab instruments in India.

Specifications

Parameter	Detail
Type	Digital electronic stopwatch
Size	30 x 50 x 15 mm, with a deviation of 10 mm on each side
Display figure height	10 mm
Accuracy	0.01 s
Power	Battery (provided)

Typical Use

The stopwatch is the everyday timer for experiments where students start and stop the count by hand: the period of a pendulum, the time a block takes to slide down an inclined plane, or the oscillation of a mass on a spring. In simple pendulum apparatus India practicals, a good habit is to time 10 or 20 complete swings and divide, because this spreads the delay of pressing the button over many oscillations and gives a far more reliable period.

It is also handy for rate experiments in chemistry and biology, such as timing a colour change or counting pulse beats over a fixed interval. Ask students to repeat each reading at least three times and average the results, then discuss why reaction time, rather than the 0.01 s display, limits the accuracy of hand timing.

Manufacturer

This stopwatch is manufactured by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala in Haryana and prepares physics and general science apparatus for educational buyers. Details of the business are on our company profile.

Related Lab Equipment

Timing is only half of most motion experiments; these catalogue items complete the set-up:

- Inclined Plane With Accessories — time a block or bar sliding down the wooden plane.
- Set of Springs — time the oscillation of a hanging mass for spring-constant work.
- Stopwatch, Digital — an alternative handheld digital timer from our measuring range.
- Bench Stopwatch — a bench-top timer that a whole class can watch during demonstrations.
- Stop Clock — a classic stop clock option for physics practicals.

More

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