Email : sales@scilabexport.com
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Product Name :

Digital Stopclock

Product Code :

SLE/ME/41



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Description :

Digital Stopclock (Product Code: SLE/ME/41) is a battery-powered digital timer used to time physics and general science experiments to 1/100 second in school and college laboratories. Its large 12 mm high display and front-panel 4 mm sockets, which let start/stop and reset betriggered externally as well as from the top-mounted push switches, set it apart from a handheldstopwatch. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India,among its physics lab instruments.

Specifications

Parameter	Detail
Timing range	Up to 1 hour
Resolution	1/100 second
Timing functions	Start/stop, reset, split (lap) timing when required
Display	Large, 12 mm high
Controls	Top-mounted push switches, or front-panel 4 mm sockets
Power	Two AA/R6 or HP7 cells, giving many months of use
Light-gate work	A separate Centisecond Timer Module provides extra facilities when light gates are used
Product code	SLE/ME/41
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Digital Stopclock Used For?

A stopclock with a display the whole bench can read is ideal for timing pendulum swings, trolley runs down a ramp, falling objects, cooling curves and the rate of simple chemical reactions. The split (lap) function records an intermediate time without stopping the count, so students can note, for example, the time for ten oscillations and then twenty in a single run.

The 4 mm sockets make it possible to wire the stopclock to external switches or contacts, so the clock starts and stops at the exact moment an event happens rather than when a student reacts. This reduces human reaction-time error and is a good way to introduce the idea of systematic error in physics lab instruments work in India's schools and colleges.

What to Specify When Ordering

- Number of stopclocks needed per laboratory or group.
- Whether AA/R6 or HP7 cells should be included with your order.
- Whether you plan external switching through the 4 mm sockets, or light-gate timing, so we can advise on suitable accessories.

Supplier

Scien na, and s ider range