Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Two Channel Recorder

Product Code :

SLE/EA/04



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Two Channel Recorder (Product Code: SLE/EA/04) is a two-pen chart recorder used to draw a permanent paper trace of electrical signals during laboratory experiments, and it is listed to work with the Flight Demonstration Wind Tunnel. Engineering lab staff use it for its 200 mm chart, a 1 mV to 50 V input range, 16 chart speeds and long-life fibre-tip pens that stand up to student use.It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Recorder type	Two-pen chart recorder
Works with	Flight Demonstration Wind Tunnel
Chart width	200 mm
Range	1 mV – 50 V
Configuration	1-channel and 2-channel versions
Chart speed	16 different speeds from 0.1 to 20 mm/sec or mm/min
Pen lift	Separate electric pen-lift per channel
Pens	Long-life fibre-tip pens that withstand long-term laboratory use
Design	Ergonomic, for ease of use by students
Product code	SLE/EA/04
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Two Channel Recorder Used For?

A chart recorder moves paper at a set speed while a pen follows the input voltage, so a changing quantity is drawn as a line against time. With two pens, students can plot two signals on one chart and see directly how one responds to the other, which is ideal for transient experiments such as the motion demonstrations on a wind tunnel model. The paper record can be annotated, measured with a ruler and stapled into the lab report.

Pick a fast mm/sec speed to spread out quick events and a slow mm/min speed for long runs. Set each channel's range so the trace uses most of the 200 mm width without hitting the edge. The electric pen-lift on each channel lets you raise a pen between runs to avoid stray marks, and capping the pens after the session keeps the fibre tips from drying out.

What to Specify When Ordering

- 1-channel or 2-channel version.
- The signals you will record, so they can be checked against the 1 mV – 50 V range.
- Whether it will be used with the Flight Demonstration Wind Tunnel or with other apparatus.
- Spare pens and chart paper for the term; ask us what can be quoted

Sup

Jain S