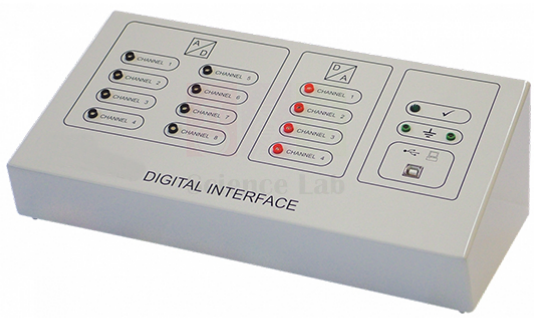
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Product Name :

Digital Interface

Product Code :

SLE/ETC/09



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Description :

Digital Interface (Product Code: SLE/ETC/09) is a computer interface unit used to connect laboratory control apparatus to a PC for signal monitoring and computer-based control in engineering laboratories. It converts analogue signals from equipment into digital form for the computer, and turns the computer's digital outputs back into analogue control signals, handlingup to eight inputs and four outputs. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Inputs	Monitors up to eight input signals (analogue inputs converted to digital signals for a computer)
Outputs	Controls up to four output signals (digital signals from a computer converted to analogue)
Compatibility	For use with most products in the Control Engineering range; also works with other compatible laboratory equipment
Role	Alternative to the Controller when the user only needs the interfacepart
Product code	SLE/ETC/09
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Digital Interface Used For?

Many control courses now implement controllers in software. The Digital Interface makes that possible on physical hardware: sensor signals from an apparatus are digitised for the computer, the control algorithm runs on the PC, and the resulting outputs are converted back into analogue signals that drive pumps, heaters or motors.

With eight inputs, several measurements — for example two tank levels plus a flow reading — can be monitored at once, while four outputs cover experiments with more than one actuator. Choosing the Digital Interface instead of the Controller suits labs that already have their own analogue controllers, or that want benches centred purely on computer control, and it slots easily into existing engineering lab equipment in India and abroad.

OEM Manufacturer

Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand, is the OEM of the Digital Interface and produces it at its own licensed factory in Saha, Ambala, Haryana, India. Because the maker supplies it directly, institutions can ask the same team about matching it to existing apparatus, adding units for more benches or obtaining replacement parts. The ScienceLab profile explains more about the company.

Rela

Appa e: