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Product Name :

Additional Load Cell

Product Code :

SLE/EG/18



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Description :

The **Additional Load Cell** (Product Code: SLE/EG/18) is an add-on for the framework test rig it is used with. An extra load cell allows more than one load to be applied and measured on the test framework at the same time, so students can study how a framework responds to combined loading rather than one load at a time. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, for engineering laboratories that already run, or are setting up, a frameworks experiment.

Key Details

Parameter	Detail
Type	Load cell, supplied as an additional unit
For use with	The framework test rig it is fitted to (not part of this item)
Purpose	Allows multiple loads to be applied and measured simultaneously on the test framework
Supplied as	Accessory, ordered in addition to the framework rig
Suitable for	Engineering colleges, polytechnics and technical institutes teaching framework analysis

Typical Use

In a pin-jointed framework practical, students load the framework and compare what they measure with the results of hand analysis by the method of joints or the method of sections. An additional load cell means a second load can be applied and read at the same moment as the first, so the class can test superposition — whether the framework's response to two loads equals the sum of their separate effects — and look at loading cases that resemble real roof and bridge trusses.

It also suits project work on combined or asymmetric loading, and lets a department extend an existing rig instead of buying a second one. For institutions building up lab equipment for technical institutes step by step, it is a low-disruption way to widen the range of experiments. Before ordering, check how many simultaneous load points your framework exercises need.

Manufacturer

The load cell is made by Jain Scientific Equipments Private Limited, whose trading name is ScienceLab, at Ambala in Haryana. Our company profile explains more about the company and its engineering range.

Related Laboratory Equipment

Other apparatus from the same structures series:

- Structures Platform — the base platform of the structures range
- [illegible]ber
- [illegible]
- [illegible]t

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