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Product Name :

Balance

Product Code :

SCL-541/01a



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Description :

Balance (Product Code: SCL-541/01a) is an equal-arm beam balance with two plastic trays that lets students find the mass of small objects by comparing them against known masses. Science teachers use it to introduce mass, equilibrium and weighing by comparison in middle and secondary classes. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its range of school physics lab equipment in India.

Specifications

Parameter	Detail
Type	Equal-arm balance with balancing mechanism
Pans	Plastic trays
Support	Steel support
Maximum measurement mass	200 g
Precision	0.1 g
Height	200 mm
Included	Marked mass set

Typical Use

Students place the object on one tray and add marked masses to the other until the beam settles level; the total of the masses gives the object's mass, readable to the balance's 0.1 g precision. Before each lesson, set the empty beam level with the balancing mechanism so that every reading starts from a true zero, and keep the combined load within the 200 g maximum to protect the pivot.

The balance works well in practical sessions on density (weigh a sample, then find its volume), on conservation of mass, and on the difference between mass and weight. Used next to a spring dynamometer and other mechanics lab equipment in India, it helps learners see that a balance compares masses directly, while a spring scale measures the pull of gravity as a force.

Manufacturer

This balance is produced by Jain Scientific Equipments Private Limited, the Ambala, Haryana company that trades under the ScienceLab name and builds teaching apparatus for schools, colleges and science distributors. Read more about the company on its company profile page.

Related Lab Equipment

These catalogue items are often ordered with the balance for weighing and equilibrium lessons:

- Set Of Marked Masses — extra hooked masses for the comparison tray or for hanging experiments.
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- by
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