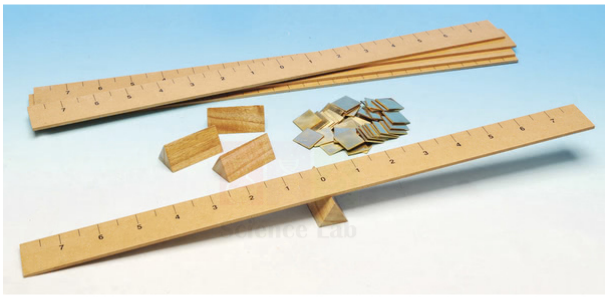
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Product Name :

Levers Kit

Product Code :

SLE/PHY/202



Description :

Levers Kit (Product Code: SLE/PHY/202) is a class set of graduated plywood beams, fulcrums and matched metal blanks used to investigate the principle of moments and lever balance in school physics practicals. Designed for eight pupils, it contains five 600 x 44 x 3mm beams graduated every 38mm, four 32 x 32 x 64mm fulcrums and forty 25mm square metal blanks whose masses are matched to ±1%. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Designed for	Eight pupils
Beams	Five plywood beams, 600 x 44 x 3mm
Beam graduations	Every 38mm
Fulcrum location	Groove across the centre of each beam
Fulcrums	Four, 32 x 32 x 64mm
Metal blanks	Forty, 25mm square
Blank mass matching	Matched to ±1%
Product code	SLE/PHY/202
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Levers Kit Used For?

Pupils rest a beam on a fulcrum at its centre groove and load metal blanks at the graduation marks on either side until it balances. Because the blanks are matched in mass, each one counts as an equal unit, and because the graduations are evenly spaced, each mark counts as an equal unit of distance. The rule that the turning effect on one side equals the turning effect on the other can then be checked simply by counting — for example, two blanks at four marks balance four blanks at two marks.

Check that the empty beam balances before adding loads, and centre each blank on its graduation line so distances stay true. Keep the plywood beams flat and dry when stored. As mechanics lab equipment in India, the kit gives a whole group a hands-on introduction to moments before they move on to spring balances and standard masses.

What to Specify When Ordering

- The number of kits, based on one kit per eight pupils
- Whether you would like additional blanks or beams held in reserve (ask us)
- Any force meters or mass sets you want quoted for extension work

OEM

Jain S