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Product Name :

Beranger Balance

Product Code :

SLE/LB/02



Science Lab
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Description :

The Beranger Balance compares the masses of two objects, or weighs one object against standard masses, in school science and mathematics lessons. Its beam pivots on a central knife edge, a pointer shows when the two pans are level, and a heavy base keeps it steady while pupils load the pans.

Beranger balance details

Parameter	Detail
Type	Beranger-pattern two-pan balance
Pans	Two
Base	Heavy base
Beam	Pivots on a central knife edge
Indicator	Pointer
Purpose	Comparing masses and weighing objects against standard masses
Standard masses	Not listed as part of the balance
Product code	SLE/LB/02
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Comparison and weighing activities on the two-pan balance

Heavier or lighter. Give each pair a tray of classroom objects, such as a pencil case, an apple and a ball of clay. Pupils predict which of two objects is heavier, load one on each pan and record whether they were right. Repeated pairings let them put the whole set in order of mass.

Weighing against standard masses. Place an object on one pan and add pieces from a mass weighing set on tray to the other pan, starting with the heavy pieces, until the pointer rests at the centre. Add up the pieces on the pan to find the mass. Lift the small pieces with forceps so they stay clean.

Equal shares of sand or seeds. Stand an empty plastic weighing boat on each pan and check that the pointer still rests at the centre, so the boats cancel out. Pour sand into one boat, then fill the other until the beam is level. The two portions now have equal mass, which turns halving and doubling into a practical maths task.

Moments and equal arms. After weighing, compare the Beranger Balance with a dem rge load ng the p

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