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Product Name :

Lever Balance Dual Scale

Product Code :

SLE/LB/12



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Description :

The Lever Balance Dual Scale reads mass straight from a pointer, so no weights are added during a practical. One scale covers 0–250 g in 1 g steps and the other0–1000 g in 5 g steps. The frame is die-cast aluminium alloy, zero is set with alevelling screw, and the detachable pan carries a hook for specific gravity work.

Dual-scale lever balance specifications

Parameter	Detail
Type	Simple single-pan lever balance with two scales
Range 1	0–250 g x 1 g
Range 2	0–1000 g x 5 g
Frame	Die-cast aluminium alloy
Other parts	Chrome plated
Zero setting	Levelling screw
Reading	Pointer, read straight on to avoid parallax error
Pan	Detachable, with hook for specific gravity experiments
Product code	SLE/LB/12
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Practicals with the dual-scale lever balance

Relative density of a solid. Tie a cube from the metal density cubes set to the hook with cotton thread and note its weight in air. Lower it fully into a glass beaker of water, clear of the sides and base, and note the smaller reading. Divide the weight in air by the loss in weight.

Upthrust in different liquids. Weigh one sinker in air, in water and then in strong salt solution held in a tall form beaker. The loss in the salt solution divided by the loss in water gives the relative density of that liquid.

Everyday masses for junior classes. Pupils weigh stones, fruit and metal blocks, reading the 250 g scale for light items and the 1000 g scale for heavier ones. Checking one reading against a known piece from a 250 g brass mass set shows how close the scale is.

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