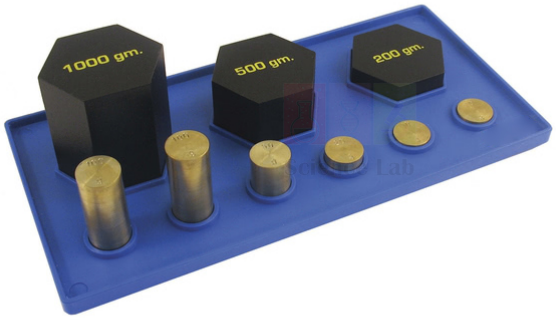
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Mass Weighing Set on Tray

Product Code :

SLE/LB/26



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Phone: +91-7082934803

Description :

The Mass Weighing Set on Tray holds nine loose weights for pan balances: three steel and six brass pieces in one blue moulded tray. Together they make any mass from 10g to 1990g in 10g steps, and an empty slot in the tray shows at once when a piece is missing.

Mass weighing set contents and range

Parameter	Detail
Weighing range	10g to 1990g in 10g increments
Number of pieces	Nine: 3 steel and 6 brass
Single pieces	1 each of 1kg, 500g, 200g, 50g and 20g
Paired pieces	2 each of 100g and 10g
Storage	Blue moulded tray
Product code	SLE/LB/26
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Weighing practicals with the tray set

Mass of an unknown object. Put a stone or a piece of fruit on one pan of a Roberval balance and the biggest piece that might match it on the other, keeping within the balance's capacity. If the weights go down, swap in the next smaller piece; if they stay up, leave that piece on and add the next one. When the pans level, add up the pieces on the pan.

Building a set value. The teacher writes a mass on the board and each group makes it from the fewest pieces in the tray. They put those pieces on one pan of a Beranger balance and pour sand into a paper bag on the other until the beam levels. Groups then swap bags and check each other's work.

Mass of a measured volume of water. Weigh an empty polypropylene measuring jug on the same two-pan balance, pour in water to the 200 mL mark and weigh it again. The difference comes out close to 200g, so pupils see that one millilitre of water has a mass of about one gram.

Frequently Asked Questions About the Mass Weighing Set on Tray

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With

Email : sales@scilabexport.com
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