Email : sales@scilabexport.com
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**Product Name :**

Physical Balance Mass Set

**Product Code :**

SLE/LB/09



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## Description :

The Physical Balance Mass Set keeps chrome plated brass masses, light metal fractional weights and forceps together in one case with a lid. It goes beside a physical balance in school and college practicals: the brass masses do the main weighing and the fractional weights make up the last small difference.

## Physical balance mass set contents

| Parameter | Detail |
|---|---|
| Masses | Brass, chrome plated |
| Fractional weights | Light metal, included |
| Handling | Forceps included |
| Storage | Case with lid |
| Supplied as | Complete set |
| Product code | SLE/LB/09 |
| Minimum order | 10 units |
| Dispatch | Usually within 7 to 10 working days |
| Manufacturer | ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India |

## Weighing exercises on the physical balance

Relative density with a density bottle. Weigh a clean, dry specific gravity bottle on a physical balance, then weigh it full of water and again full of the test liquid. The mass of liquid divided by the mass of the same volume of water gives the relative density of the liquid.

Mass of one sheet of paper. Weigh ten sheets of the same paper together, finishing the balance with the fractional weights, and divide by ten. Measure one sheet with a metal ruler, work out its mass per square metre and compare it with the value printed on the pack.

Density of a regular block. Measure the length, width and height of a small metal or wooden block with a vernier calliper and multiply them for its volume. Weigh the block, divide mass by volume and compare the result with a table of densities.

## Frequently Asked Questions About the Physical Balance Mass Set

### What are the fractional weights used for?

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