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

**Product Name :**

Balance, Portable

**Product Code :**

SLE/LB/20



Science Lab
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Phone: +91-7082934803

## Description :

Balance, Portable is an electronic student balance offered in 500 g, 1000 g and 2000 g capacities, each reading to 0.1 g. It runs from the included DC mains supply orfrom 4 AA batteries bought separately, so groups can carry it outdoors. A spill-resistant ABS body, a 130 mm stainless steel pan and a backlit LCD suit daily classuse.

## Portable student balance specifications

| Parameter | Detail |
|---|---|
| Capacity options | 500 g, 1000 g, 2000 g |
| Readability | 0.1 g |
| Pan | 130 mm, stainless steel |
| Body | ABS, spill-resistant design to keep liquid out |
| Display | Backlit LCD |
| Weighing units and functions | kg, g, lb, oz, ozt, ct, dwt; counting function |
| Levelling | 4 adjustable feet |
| Power | Mains or batteries; DC mains power supply included; 4 x AA batteries supplied separately |
| Dimensions | 170 x 210 x 65 (W x D x H, as listed) |
| Product code | SLE/LB/20 |
| Minimum order | 10 units |
| Dispatch | Usually within 7 to 10 working days |
| Supplied by | ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India |

## Class and field work with the portable balance

Water content of garden soil. Take the balance outdoors on battery power and weigh a fresh soil sample in a tared plastic weighing boat. Back in the lab, spread the soil thinly and leave it to dry in air for several days, then weigh it again on mains power. The loss in mass divided by the fresh mass estimates the water content, as air-dried soil still holds a little water.

Water uptake by seeds. Weigh a counted batch of dry bean or pea seeds, then soak them in a vented petri dish of water. Each day, blot the seeds dry on paper towel and weigh them again. A graph of mass against time shows how fast seeds take up water before they start to germinate.

Conservation of mass. Pour copper sulfate solution into a conical flask and stand a smal stay apar again

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