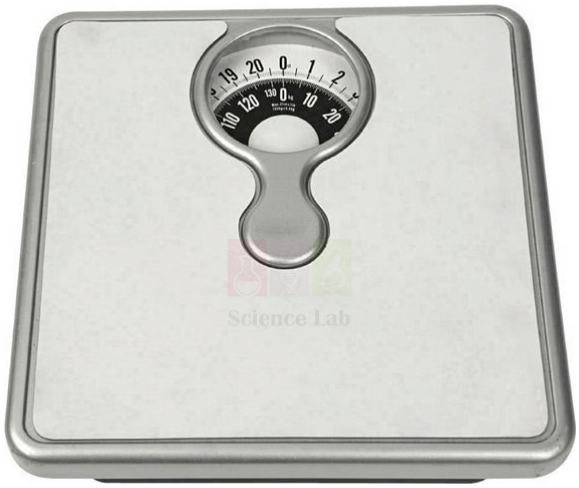
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Product Name :

Bathroom Scales

Product Code :

SLE/LB/21



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Description :

The Bathroom Scales are a mechanical floor scale that weighs people and heavy objects up to 130 kg (20st 6lb) on a magnifying, easy-read dial. They stand 4.4 cm high on a 25 x 25 cm base and work on hard floors or carpet, so a class can weigh students in a laboratory, classroom or hall without batteries or mains power.

Bathroom scale specifications

Parameter	Detail
Type	Mechanical scale with magnifying dial
Capacity	130 kg (20st 6lb)
Size	H 4.4 cm, W 25 cm, D 25 cm
Display	Easy-read dial
Suitable surfaces	Hard floors and carpeted floors
Power	None needed; mechanical, works without batteries or mains
Product code	SLE/LB/21
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Body measurement and force lessons with a floor scale

Mass and weight in newtons. Each student stands on the scales, reads the mass in kilograms and works out the weight in newtons by multiplying by the gravitational field strength. A force meter then shows weight as a force on smaller objects, so the class meets the same idea with two instruments.

Forces in motion. A student stands still while a partner reads the dial, then crouches quickly and rises quickly. The partner notes whether the pointer moves up or down at each stage and links each change to an unbalanced force on the body. A steady horizontal push against a wall barely moves the pointer, which makes a useful contrast.

Class body measurement data. Fix a measuring tape upright against a wall to record height, then weigh each student on the scales. Enter the pairs in a table, plot mass against height on a scatter graph and describe the trend. Body mass index can be worked out from the same data as a data-handling exercise.

Weighing a school bag. Weigh a student with and without a packed school bag and take the diff[illegible] a shar[illegible]ied on th[illegible]

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