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

Product Name :

Compact Balance 300g

Product Code :

SLE/LB/23



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Description :

Small reagent quantities in student chemistry and biology practicals are weighed on the Compact Balance 300g, a portable centigram balance. It reads up to 300 g with 0.01 g readability, 0.01 g repeatability and 0.02 g linearity on a 100 mm removable pan. Three colour-coded buttons sit on a sealed keypad, and power comes from the included adapter or from 6 AA batteries that the user supplies.

Compact Balance 300g specifications

Parameter	Detail
Capacity and readability	300 g; 0.01 g
Repeatability and linearity	0.01 g; 0.02 g
Stabilisation time	2.0 (as listed)
Pan	100 mm, removable platform
Draught shield	Fitted
Units and calibration	g, oz; external calibration, initiated from the keypad
Display, keypad and software	High-contrast, 15 mm digit height; three colour-coded buttons, sealed against dirt and spills; auto power-off; zero tracking; overload and low-battery indicators
Power	12V AC 50/60Hz 150mA adapter (included) / 6 x AA batteries (not included); battery life 3 hours
Construction and size	ABS plastic, with overload protection; net weight 0.5 kg; 147 x 208 x 150 mm (W x D x H); operating temperature 0° to 40°C
Product code	SLE/LB/23
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Centigram weighing in chemistry and biology practicals

Rate of reaction by mass loss. Stand a conical flask of dilute hydrochloric acid on the pan, add calcium carbonate granules and plug the neck loosely with cotton wool. Record the mass at the start and then at fixed intervals timed with a digital stopwatch . Repeat with powder in place of granules to see how surface area changes the rate.

Solution of known concentration. Tare a sheet of weighing paper, then add sodium chloride with a polypropylene spatula until the display shows the mass needed to two deci er and

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