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Product Name :

Compact Balance 2000g

Product Code :

SLE/LB/22



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Description :

Compact Balance 2000g is a portable electronic balance that weighs up to 2000 g in 0.1 g steps on a removable 145 x 145 mm platform. The whole unit weighs 0.5 kgand runs from the included 12V adapter or from 6 AA batteries, not included, soschools, kitchens and field teams can carry it. A sealed three-button keypad keepssoil and spills out.

Compact Balance 2000g specifications

Parameter	Detail
Capacity and readability	2000 g, read in 0.1 g steps
Repeatability andlinearity	0.1 g repeatability; 0.2 g linearity
Stabilisation time	2.0 (as listed)
Pan	145 x 145 mm, removable platform
Units and calibration	g, oz; external calibration performed through the keypad
Display and keypad	High-contrast display with 15 mm digits, visible from a distance; three colour-coded buttons, sealed against dirt and spills
Power	12V AC 50/60Hz 150mA adapter (included) or 6 x AA batteries (not included); battery life 3 hours
Software and protection	Auto power-off; zero tracking; overload and low-battery indicators; overload protection for internal components
Body, weight and size	ABS plastic; net weight 0.5 kg; 147 x 208 x 40 mm (W x D x H); operating temperature 0° to 40°C
Product code	SLE/LB/22
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Fieldwork and food practicals with the 2000 g balance

Plant biomass from a quadrat. Lay a quadrat on the school field, cut every plant inside it at ground level with garden secateurs and weigh the cuttings in a tared bag. Dry them slowly over several days and weigh them again. Dry mass per quadrat lets groups compare a mown patch with an unmown one.

Water held by different soils. Line a glass funnel with filter paper and add a weighed sample of dry sand, loam or clay. Weigh the water before pouring it through, then weigh what drains into a tared beaker. Water added minus water drained gives the mass

Mass ne mark

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