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Product Name :

Scale Mother/Child Batteries Mains Solar

Product Code :

SLE/AE/13



Science Lab

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Description :

Scale Mother/Child Batteries Mains Solar (Product Code: SLE/AE/13) is a portable electronic floor scale used to weigh adults and children up to 150 kg in 100 g steps in clinical and survey settings. Its default mother-child mode tares automatically, so a child held by an adult can be weighed, and it runs on mains, direct solar power or six AA batteries. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside the digital weighing balance range it offers in India.

Specifications

Parameter	Detail
Measuring range	0.1 to 150 kg
Graduation	100 g minimum
Accuracy	±100 g over the entire measuring range
Modes	Mother-child mode by default; mother-only mode activated by anoperational button
Taring	Automatic, without pressing any button, once the parent holds the childafter being weighed first
On/off button	Easily accessible, protected against accidental switching; single-purpose and encased against rain, dust and humidity
Display	Fixed weight within 5 seconds, held for at least 20 seconds after the load is removed or until the next weighing; back-lit LCD or similar for low light (e.g. <450 lumens); anti-glare, high-contrast screen for bright light (e.g. >1600 lumens)
Display cover	UV-resistant, durable, easy-to-clean material (e.g. plastic) withstanding 30 psi without damage to the scale
Primary power	Mains, via switched-mode AC adapter with multi-country plugs
Secondary power	Direct solar; panel fully recharged within 2 hours of full sunlight or 4 hours of dappled sunlight; can power the scale regardless of charge status
Tertiary power	6 customer-replaceable AA batteries; minimum 5,000 measurements per battery set
Power saving	Automatic switch-off after 4–6 minutes of non-use
Portability	Maximum weight 4.0 kg; maximum dimensions 360 mm (L) x 400 mm (W) x 70 mm (H)
Foot mat	Light-coloured to avoid heating in direct sunlight; footprint markings for standing position (optional)
Feet	Adjustable for levelling; withstand a load of 300 kg
Operating conditions	Within specification (±100 g) at up to 80% RH and 0–45°C
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