

Product Name :

Scale Mother/Child Batteries Mains Solar

Product Code :

SLE/AE/13



Description :

DESCRIPTION:

Electronic scale for weighing adults and children, for use up to 150kg with 100g precision. Supplied with customer replaceable batteries, solar panel and AC adapter with multi-country plugs. Scale allows a child's weight to be measured while being held by an adult. Suitable for clinical and survey settings.

SPECIFICATIONS:

Performance

Measuring range 0.1 to 150 kg.

Graduation: 100 g minimum.

Accuracy: ± 100 g over the entire range of measurement

Main on/off button has a feature to prevent accidental switching on or off and is easily accessible.

Taring: Taring function is automatically initiated, without pressing any operational button. Taring function is initiated once a parent holds a child after being weighed first.

Portability: Easy to carry by a health worker in the field. Maximum weight 4.0 kg; maximum dimensions: 360 mm for length, 400 mm for width and 70 mm for height.

The on/off button does not serve any other purpose and is encased to be protected from rain, dust and humidity.

Mother-child mode is the default mode, alternative mother only mode can be activated by pressing an operational button.

Light-coloured foot mat to avoid heating if exposed to direct sun light Footprint markings to indicate correct standing position (optional).

Display

Fixed weight display occurs within 5 seconds and is maintained for a minimum of 20 seconds after the load is removed or until the next weighing.

Back-lit LCD or other feature for low light reading (e.g. <450 lumens).

Anti-glare screen with high contrast for bright light reading (e.g. >1600 lumens).

Display cover made of UV resistant durable easy to clean material, (e.g. plastic) withstanding 30psi without damaging scale.

Power:

Tertiary power source: customer replaceable 6 AA batteries.

Minimum 5,000 measurements per battery set

Primary power source: mains electricity. Switched-mode adapter and multi-country plugs

Secondary power source – direct solar. Solar panel fully recharged within 2 hours full sunlight or 4 hours of dappled sunlight. Solar panel can power the scale independent of its charge status

Power saving feature automatically turns off the scale after 4-6 minutes of non-use.

Durability

Adjustable feet to level the scale, withstanding load of 300kg.

Load cells and their housing are resistant to corrosion.

Operating parameters: Scale operates within specifications (i.e.: accuracy of ± 100 g) in humidity up to 80% RH and temperature range of 0-45 degrees C.

Storage parameters: Scale operates within specifications after 12 months storage in climatic conditions

Scale has passed 1000 hours of salt stress test

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